# LABORATORY RESOURCE CATALOG

# \*AVANTIK



### The Histology Laboratory Resource

Avantik over-performs for me and my lab again and again. They never cease to go above and beyond what they are supposed to do. From my personal salesperson, to their customer service team, they act as a well-oiled machine in order to deliver the products and services that I need to make sure my lab runs smoothly.



Avantik has saved me so many times, in so many situations over the years! We switched to another company a few years back...what a mistake that was! I could not get what I needed when I needed it, and I received no response from the company. I was so happy when I called Avantik in an emergency, and not only could they perform for us, once again, but the salesperson drove the items I needed right out to me himself. I don't know of any other company willing to go to the lengths which Avantik does for me.

# AVANTIK

### **Achieve Peak Performance in Your Lab**

Having complete control of your workflow matters and we know that...

Your laboratory plays a critical role in getting to a fast and accurate diagnosis. We understand that you need a system that operates flawlessly. Avantik is adeptly positioned to deliver the lab solutions that meet your specific needs.



#### Our Promise.

- A consultative approach to your requests by a dedicated team of specialists
- Personal and superior customer service
- Same day shipping on all stock consumable products ordered by 3 p.m. EST

Trevor Mornan Managing Director

### You can depend on Avantik...

To help you have everything in your lab running the way you want and need it to.

That's Our Promise.

# Avantik brings together **guaranteed products and services** to support every aspect of your laboratory operations.

#### **Consumables**

Quality products are the fuel that keeps your lab running - Avantik offers a complete line of histology consumables.

- **Cost-Effective Histology Products:** We offer over 1,000 Avantik-branded products. Avantik-branded products are of superior quality and are cost-effective solutions to lab needs.
- **Product Innovation:** We use customer feedback to develop or improve upon products to reduce errors and minimize downtime in laboratories.

#### **Service**

Avantik is your one-stop shop for world-class service. From the simple to the complex, we can meet your facilities' maintenance needs on all major OEM brands and models. Avantik offers the highest-level service proficiency in the market.

- **Equipment Preventative Maintenance Service:** We manage your preventative maintenance schedules and communicate with you via maintenance reminders. We understand your facilities' busy schedules and work with you for the ideal appointment time.
- Rapid Response Guaranteed: We provide 24-hour guaranteed response time on all emergency service and repairs. With over 75,000 replacement parts in stock for all equipment types and more than 180 courtesy loaner instruments on hand, we have what it takes to get you back up and running.

#### **Equipment**

Avantik delivers top quality instruments, offering a wide range from industry manufacturers, to give you the flexibility to equip your lab with the models of your choice.

- **New Laboratory Equipment:** Avantik sells a selection of new laboratory equipment, including embedding centers, microtomes, slide stainers, and slide printers.
- **Rebuilt Laboratory Equipment:** Choose rebuilt instruments from Avantik and discover the same quality you experience with brand new instruments. Our Mohs and Histology equipment is not refurbished; our technicians have a comprehensive rebuild process for each unit we deliver to you.

#### **Education**

Our state-of-the-art training center demonstrates Avantik's commitment to continuing education for Mohs and Histopathology.

- The Avantik Academy comes equipped with a fully functional laboratory, complete with all new equipment for the most up-to-date and advanced training available for Mohs and Histology applications.
- The on-site Mohs training sessions include lectures and hands-on training for topics like mapping and inking, embedding, staining, cryosectioning, CLIA regulations, troubleshooting, and more.



# The Avantik Difference...

#### Welcome to the Avantik Laboratory Resource Catalog

In this catalog, you'll find laboratory supplies and equipment to suit a variety of applications. New products are continuously added to our portfolio. If you don't see the product you are looking for, call us today and a customer service representative will assist you with product availability. You can also visit our website for more information.

avantik-us.com



#### **SAME DAY SHIPPING**

We know the importance of having products on hand. Place your order by 3 p.m. EST and in-stock products will ship same day.

#### NO BACKORDER GUARANTEE

Over 1,000 products guaranteed to be in stock. In the unlikely event that an in-stock product is not in stock, your item will be shipped free of charge.

#### **QUALITY GUARANTEE**

We stand behind our products 100% of the time. If a product is found defective or does not meet quality requirements, we will replace it free of charge.

#### **AVANTIK BRAND**

We offer over 1,300 Avantik-branded products. Our variety of products are of superior quality and are cost-effective solutions for labs.

#### **INVENTORY MANAGEMENT**

We offer inventory management programs that eliminate storage hassles and increase productivity. We also provide flexible standing orders to keep your lab stocked.

#### **EQUIPMENT WARRANTY**

Whether you buy new or choose from our selection of OEM rebuilt instruments, all equipment comes with a one-year warranty on parts and labor.

#### INNOVATION

We continuously solicit customer feedback to develop products and instruments to reduce errors and minimize downtime in laboratories.

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### SECTION GUIDE











Grossing

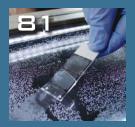
Reagents & Stains

Special Stains & Control Slides

**Embedding** 

Slide & Cassette Storage

# \*AVANTIK











Sectioning

Slides & Coverslipping

Lab Safety

General Lab

Instruments & Equipment

# Catalog Contents

Grossing
Reagents & Stains
Special Stains & Control Slides
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Cassette & Slide Storage
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Slides & Coverslipping 89-100
Lab Safety
General Lab
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# GROSSING





### Avantik Pre-Filled Formalin Specimen Containers

Convenient pre-filled formalin containers. Each container is half-filled with 10% neutral buffered formalin. Proprietary patented closure eliminates leakage.

	ltem	Size:	Qty	Inners	Prefills/Inner
	GR2030-20	20 mL	Case/128	4	32
0	GR2030-40	40 mL	Case/48	2	24
9	GR2030-60	60 mL	Case/54	2	27
Ž	GR2030-90	90 mL	Case/48	4	12
U	GR2030-120	120 mL	Case/48	2	24
	GR2030-240	240 mL	Case/24		
	GR2030-480	480 mL	Case/24		
	GR2030-1000	1000 mL	Case/12		
	GR2040-180	180 mL	Case/56		
	GR2040-250	250 mL	Case/24		
	GR2040-500	500 mL	Case/12		
	GR2040-1000	1000 mL	Case/9		
	GR2040-1GL	1 Gal	Case/4		

Additional sizes available.

### Avantik Non-Filled Formalin Specimen Containers

Convenient empty formalin containers. Proprietary patented closure eliminates leakage.

ltem	Size:	Qty
GR2103-240	240 mL	Case/250
GR2091-120	120 mL	Case/300
GR2089-20	20 mL	Case/1000
GR2035-20	20 mL	Case/200
Ad	ditional sizes avail	able.

#### Deli style containers.

Item	Size	Qty	
GR2078-16	16 oz.	Case/100	
GR2078-32	32 oz.	Case/100	
GR2078-64	64 oz.	Case/50	
GR2078-84	84 oz.	Case/25	
GR2130-1GL	1 Gallon	Case/4	
GR2078-165	165 oz.	Case/25	
Additional sizes available.			

Note: Custom labels are available on all formalin containers. Contact a customer service representative today to find out more

#### **Biohazard Specimen Bags**

Convenient re-closable seal top closure with durable three-wall construction. Handy outer pouch to contain paperwork. Inner packed in 100s.

Item	Size	Qty
GR2046-A	6" x 9"	Case/1000
GR2046-D	8" x 10"	Case/1000
GR2046-C	12" x 15"	Case/1000





#### Formalin Absorbent Pads

Avantik's formalin absorbent pads are specially treated for the ultimate destruction of formaldehyde, 10% NBF formalin, and glutaraldehyde solutions, also eliminating any chemically hazardous vapors.

ltem	Size	Qty
GR2153	8" x 11" Medium	Pack/25
GR2154	11" x 15" Large	Pack/25

#### Formaldehyde Neutralizing Spill Pads

Super absorbent formaldehyde neutralizing pads, specially treated with Formalex® for the ultimate destruction of formaldehyde, 10% formalin glutaraldehyde solutions, and elimination of their hazardous vapors. Small Fan Pad absorbs and neutralizes up to 300cc of 10% Formalin. Large Fan Pad absorbs and neutralizes up to 900cc of 10% Formalin.

Item	Description	Qty
SY5060-A	Fan Pad Large 8"x25"	Case/30
SY5060-B	Fan Pad Small 6"x 14"	Case/48





#### Disposable Absorbent Underpads

Fluff core provides heavy protection. Answers heavy absorbency needs with a non polymer construction.

Item	Size	Qty
SY5072	23" x 24"	Case/200



#### **Poly Grossing Board**

Non-absorbent, easy-to-clean polypropylene. Autoclavable and unbreakable.

Item	Size	Qty
GR2039-S	11.75 x 7.75"	Each
GR2039-L	15.75" x 23"	Each
GR2053	16" x 23"	Each









#### **Poly Grossing Board with Legs**

Non-absorbent, easy-to-clean polypropylene. Autoclavable and unbreakable, with removable 3" legs.

Item	Size	Qty
GR2116	16" x 12"	Each
	Additional sizes available	2.

#### **EZ-Tear Mesh Biopsy Bags**

Reduce risk of small specimen loss. Design allows unrestricted fluid movement around tissue. The bag can be folded and inserted into cassette for tissue processing. Bags peel open for quick and easy specimen removal. Available in (3) three sizes.

Item	Size	Qty
EM0244-S	30 x 50 mm	Box/1000
EM0244-M	45 x 74 mm	Box/1000
EM0244-L	75 x 74 mm	Box/500







#### **Biopsy Wraps**

These 2" x 3" specially cut filter paper wraps are created to protect small specimens while preserving optimal infiltration with no bleeding into specimens.

Item	Color	Qty
EM0262-BL	Blue	Box/500
EM0262-PN	Pink	Box/1000
EM0262-WH	White	Box/1000

#### Foam Biopsy Pads

Used to hold biopsies in place and prevent them from being lost during processing. Made of polyester urethane foam which is always verified for consistency throughout in order to achieve optimum solvent flow.

Item	Color	Qty
EM0172-A	Blue	Bag of 1000
EM0172-C (Small)	Blue	Bag of 1000
EM0230*	Black	Bag of 1000









# Eliminate Tissue Snags & Tears...



Avantik's ROUNDED BLADE EDGE

promotes both safety and control in your lab.

# TrimSafeseries

#### TrimSafeHANDLE

- Quicker and safer loading of trim blade onto handle
- Larger molded handle for improved ergonomics
- Push lever quickly clamps to secure and release TrimSafe Blades

Order Your Handle Today!
130mm Handle - Item# GR2164-A
260mm Handle - Item# GR2164-B

#### Trim**Safe**BLADES

- Precision sharpened edge for ultimate sharpness and durability
- Back edge of blade rounded to eliminate tissue snags and to improve user's safety

#### **Order Your Blades Today!**

130mm Blades - Item# GR2163-A 260mm Blades - Item# GR2163-B

#### Trim**Safe** DISPENSER

BAVANTIK

- Load & unload trim blades without the need to touch the blades
- Pre-loaded with premium TrimSafe Blades for ease and compatibility
- Built-in sharps container for easy and safe disposal of used blades

#### **Order Your Dispenser Today!**

130mm Dispenser - Item# GR2173-A 260mm Dispenser - Item# GR2173-B



#### Trim Blade Dispensers

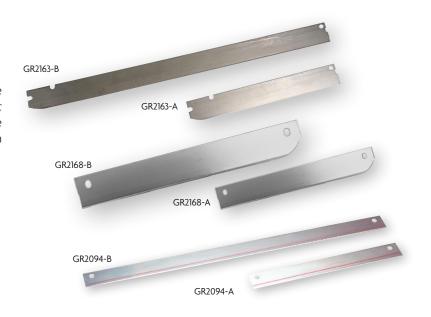
For trimming and sectioning tissue samples during surgical grossing and autopsy procedures. Handle design allows blades to be removed and replaced quickly and easily. The innovative design allows blades to be loaded and removed easily and quickly without the need to ever touch the blade itself.

Item	Size	Description	Qty
GR2173-A	130mm	TrimSafe Blades	Box/25
GR2173-B	260mm	TrimSafe Blades	Box/25
GR2174-A	130mm	Radius Edge Blades	Box/25
GR2174-B	260mm	Radius Edge Blades	Box/25
GR2143-A	130mm	Standard Square Edge Blades	Box/25
GR2143-B	260mm	Standard Square Edge Blades	Box/25

#### **Avantik Trim Blades**

Our trim blades are perfect for use in the pathology lab for hard tissues with fibers, soft or semi-fixed organs. 2 Sizes. Convenient storage box keeps blades safe and sharp. Available in three styles.

Item	Size	Qty
GR2163-A	TrimSafe 130mm	Box/50
GR2163-B	TrimSafe 260mm	Box/50
GR2168-A	Radius Edge 130mm	Box/50
GR2168-B	Radius Edge 260mm	Box/50
GR2094-A	Standard Square Edge 130mm	Box/50
GR2094-B	Standard Square Edge 260mm	Box/50



# GR2093-A GR2093-B GR2157-A

#### Trim Blade Handles

For attaching blades for trimming and sectioning tissue samples during surgical grossing and autopsy procedures. Handle designs allow blades to be removed and replaced quickly and easily. Holds either of two lengths of Trim Blades, 130mm or 260mm disposable blades.

Item	Description	Qty
GR2164-A	TrimSafe 130mm Handle	Each
GR2164-B	TrimSafe 260mm Handle	Each
GR2093-A	TissueTek 130mm Handle	Each
GR2093-B	TissueTek 260mm Handle	Each
GR2157-A	Square/Radius Edge 130mm Handle	Each
GR2157-B	Square/Radius Edge 260mm Handle	Each



Safety concerns when removing your blade?

Blades popping off under pressure?

Using force to install a new blade?

Are you experiencing any of these common issues with scalpel use that are putting you at risk for injury?

# Reduce your risk of injury.



Reduce your worry around sharp objects and safety with the Avantik SureHold Safety Scalpel Handle. The handle is specifically designed to easily attach, remove and dispose of a blade without the need of force -- decreasing the risk of cutting yourself. Our innovative design ensures that the blade can withstand the pressure of cutting hard tissue without popping off while in use.

# **SureHold**Safety Scalpel Handle

You can count on consistency and quality to ensure a safer laboratory.



#### SureHold Safety Scalpel Handle

With the Avantik SureHold Safety Scalpel Handle, there is no force needed to install the blade. The blade will not pop off under pressure and you will be safer and your lab will be more efficient for using it.

ltem	Size	Desc	Qty
GR2144-A	#3 Safety Handle	Fits #10-#15 Blades	Each
GR2144-B	#4 Safety Handle	Fits #20-#70 Blades	Each

#### **Scalpel Handles**

For use with surgical steel blades below.

Item	Size	Type	Qty
GR2031-A	#3 for blade #10-16	Metal	Each
GR2031-B	#4 for blade #20-24	Metal	Each
GR2172	#8P Blue for blade 22, 60, 70	Plastic	Each
GR2175	#6P for blade #20-25	Plastic	Each
GR2187	#8 Blade Handle	Plastic	Each
	Additional sizes available.		





#### Surgical Scalpel Blades

Individually-wrapped, precision-honed surgical steel blades for general dissection. For use with Scalpel Handles above.

Item	Size	Qty	
GR2131-A	#10	Pack/100	
GR2131-D	#15	Pack/100	
GR2131-F	#21	Pack/100	
GR2131-G	#22	Pack/100	
Additional sizes available.			





#### Sterile Disposable Scalpels

Single use, individually wrapped sterile scalpels in a variety of sizes; feature a stainless steel, razor-sharp cutting edge.

Item	Size/Style	Qty
GR2043-A	#10 Retractable	Pack/10
GR2043-B	#11 Retractable	Pack/10
GR2043-C	#15 Retractable	Pack/10
GR2120	#22 Non-Retractable	Pack/10
GR2117	#22 Retractable	Pack/25
GR2132-A	#15 Non-Retractable	Pack/10
GR2132-E	#21 Non-Retractable	Pack/10
	Additional sizes available.	

#### Scissors

Sharp, perfectly balanced and always ready for the most precise cut.

Item	Style	Qty
SE3130	Scissors, 6"	Each
SE3131	Scissors, 6-1/2"	Each
SE3129	Replacement Scissor Blades	Pack/2





#### Double-Edge Pathology Blades

Carbon blade with 3 facet edge type. Thickness of 0.015". Rounded corner.

Item	Style	Qty
SE3123	Double-Edge Blade - 100/pk	Case/10

### Disposable Stainless Steel Prep/Grossing Blades

Highest quality stainless steel blades provide precision sharpness and edge retention characteristics, as well as corrosion resistance.

Item	Size	Size	Qty
GR2037	Single Edge	Large	Pack/5
	Single Edge	Large	Case/50
GR2170	Single Edge	Small	Box/120
	Single Edge	Small	Case/1440





#### Autopsy/Dissecting

Avantik offers autopsy and dissection supplies of the highest quality...guaranteed.

#### **BLADES**

Item	Size	Qty
GR2075	#60 Carbon	Pack/50
GR2092	#70 Carbon	Pack/100
GR2072	#60 Stainless	Pack/100
PM40		
Item	Description	Qty
GR2080	PM40 Handle - Stainless	Each
GR2080-	K <b>PM40</b> Handle Kit with Scewdriver	Each
GR2076	PM40 Blade - Carbon	Pack/10
GR2113	PM40B Blade (not Shown)	Pack/10
DISPOSA	ABLES	
GR2145	PM40 Disposable Blade and Handle	Each



#### **Decalcifiers**

A range of decalcifiers which can be used on all types of specimens.

Item	Size/Style	Qty
RS4599-B	Decalcifier - Nitric	Ea. or 4/Case
RS4600-B	Decalcifier - Formafix	Ea. or 4/Case
RS4601-B	Decalcifier - Formic	Ea. or 4/Case
RS4602-B	Decalcifier - IHC	Ea. or 4/Case
RS4603-B	Decalcifier - Original	Ea. or 4/Case
RS4604-B	Decalcifier - Rapid	Ea. or 4/Case
RS4605-B	Decalcifier - EDTA	Ea. or 4/Case





# Consistent. Quality Inking.

AVAILABLE INDIVIDUALLY AND AS A KIT!

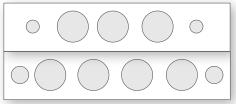




3 Color Tissue Marking Dye Base



5 Color Tissue Marking Dye Base



7 Color Tissue Marking Dye Base

#### **Avantik Tissue Marking Dye Kits**

With our special formulation and increased viscosity, these dyes are ideal for use on formalin fixed, fresh or frozen tissues. The pigments quickly bond to tissue without any drying or waiting time and are preserved throughout tissue processing and staining. Available in (7) colors. Mix or match colors in each kit. Each kit contains GR2025 Applicator Sticks.

Item	Color		Qty
GR2061-K	3 Color Tissue Ma	rking Dye Kit	Each
GR2060-K	5 Color Tissue Ma	rking Dye Kit	Each
GR2058-K	7 Color Tissue Ma	rking Dye Kit	Each
	Available Colors:		
	Black		
	Blue		
	Green		
	Orange		
	Red		
	Violet		
	Yellow		
	Available application stick	s on page 16	

# Convenient Sizes. Great Consistency.

#### Avantik Tissue Marking Dyes 2 oz.

Individual 2 oz. bottles of Avantik Tissue Marking Dye.

2 oz.	Color	Qty
GR2056-BK	Black	Each
GR2056-BL	Blue	Each
GR2056-GN	Green	Each
GR2056-OR	Orange	Each
GR2056-R	Red	Each
GR2056-V	Violet	Each
GR2056-Y	Yellow	Each





### Avantik Tissue Marking Dye Base Only

Made of highly durable clear poly lexan. Accommodates 2 oz. Avantik marking dye bottles and applicator sticks.

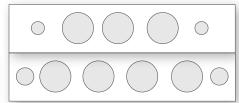
Item	Size	Qty
GR2059-A	3 Colors	Each
GR2059-B	5 Colors	Each
GR2059-C	7 Colors	Each







5 Color Tissue Marking Dye Base



7 Color Tissue Marking Dye Base



#### **Davidson Tissue Marking Dye Kits**

The Davidson Marking System® Includes 2 oz. bottles of Davidson tissue dye (choose any color combination) in a wood holding tray with 50 applicator sticks and instructions. Sold as a kit. Refill marking dyes are available in your choice of the refill colors listed below. Plastic or wood base available.

Item#	Description	Colors	Qty
GR2021	3 Color Kit	Choice of 3	Each
GR2020-W	5 Color Kit	Choice of 5	Each
GR2020-P	5 Color Kit	Choice of 5	Each
GR2019-W	6 Color Kit	Choice of 6	Each
GR2019-P	6 Color Kit	Choice of 6	Each
GR2028	5 Place Dye Rack	White	Each



#### Brush Caps for 2 oz. Bottles

2 oz. bottles of tissue dye have built in brushes for applying dye to excised tissue for marking orientation.

Item	Qty	
GR2024	Bag/10	





### Davidson Marking Dye Refills 2 oz. or 8 oz.

Individual refill bottles of Davidson Marking System® tissue marking dye.

2 oz.	8 oz.	Color	Qty
GR2022-BK	GR2023-BK	Black	Each
GR2022-BL	GR2023-BL	Blue	Each
GR2022-GN	GR2023-GN	Green	Each
GR2022-OR	GR2023-OR	Orange	Each
GR2022-R	GR2023-R	Red	Each
GR2022-V	GR2023-V	Violet	Each
GR2022-Y	GR2023-Y	Yellow	Each
GR2022-L	GR2023-L	Lime	Each



#### **Grossing Aid**

An alcoholic fixative with enhancing additives to render tissues with high DNA content white or a lighter color than the surrounding tissue allowing these specimens to be grossed efficiently.

Item	Qty
GR2151-A	1000 mL
GR2151-B	1 Gallon
GR2151-C	5 Gallon cube

#### **Applicator Sticks - Regular**

6" x 1/8" diameter wooden sticks for use in applying tissue marking dyes to excised tissue for marking orientation.

Item	Size	Qty
GR2025	15 cm (6") length	Bag/50





#### **Applicator Sticks - Pointed Cotton Tip**

6" x 1/8" diameter wooden sticks with one tapered cotton tip for use in applying tissue marking dyes to excised tissue for marking orientation.

ltem	Size	Qty
GR2027	15 cm (6") length	Bag/25

#### **Applicator Sticks - Pointed Wood Tip**

Pointed on one end. A neat way to hold tissue for mincing or to move and sort samples. May also be used as an applicator stick.

Item	Size	Qty
GR2026	15 cm (6") length	Bag/100



# REAGENTS & STAINS

**DEHYDRANTS** 20-21 22 **FIXATIVES CLEARANTS** 23-24 **STAINS - OPTIK TYPE 1** 25-26 27-28 STAINS - OPTIK TYPE 2 STAINS - HEMATOXYLIN & EOSIN 29-30 **ACETONE & REAGENT GRADE WATERS** 31 **BLUING/CYTOLOGY STAINS** 32





# REAGENTS & STAINS



# Match Before You Process.



Avantik's color-coded reagent bottle labels & matched tissue processor bottle labels reduce your risk for error and reagent mix-ups!

Ask your Avantik sales representative how our color-coded reagent bottles and other lab solutions can help you achieve total workflow control!

#### AVANTIK REAGENTS & STAINS

# Quality & Consistency





#### A.C.S. GRADE REAGENT

This designates a high quality chemical for laboratory use.
The abbreviation "A.C.S." means the chemical meets the specifications of the American Chemical Society.
A Certificate of Analysis is available upon request.



#### Reagent Alcohol

**A.C.S. grade. Meets and exceeds histological grade.** Avantik Alcohol is made from A.C.S. Grade Reagent Alcohol. The lower alcohol content varieties are made with A.C.S. Grade 100% Alcohol. The highest quality for all histology processing and staining procedures. **Note: Ready to use after opening, no inner seal.** 

Item	Description	Qty	Case Qty
RS4029	Reagent Alcohol 100% (200 Proof)	1 Gallon	4 x 1 Gal.
RS4031	Reagent Alcohol 95% (190 Proof)	1 Gallon	4 x 1 Gal.
RS4078	Reagent Alcohol 80% (160 Proof)	1 Gallon	4 x 1 Gal.
RS4033	Reagent Alcohol 70% (140 Proof)	1 Gallon	4 x 1 Gal.
RS4034	Reagent Alcohol 50% (100 Proof)	1 Gallon	4 x 1 Gal.



#### Tissue Processor Labels

Match before you process. Avantik tissue processor labels are color-coded to match Avantik reagent labels.

Item	Description	Qty
GL1296-A	Reagent Label 100% Alcohol	Each
GL1296-B	Reagent Label 95% Alcohol	Each
GL1296-C	Reagent Label 80% Alcohol	Each
GL1296-D	Reagent Label 70% Alcohol	Each
GL1296-E	Reagent Label 10% Formalin	Each
GL1296-F	Reagent Label - Xylene	Each
GL1296-G	Reagent Label - Isopropanol	Each
GL1296-H	Reagent Label - Water	Each
GL1296-J	Reagent Label - Alcohol (no %)	Each
GL1296-I	Reagent Label - Blank	Each
GL1296-K	Reagent Label - Expiration Date	100/Roll
GL1296-L	Reagent Label - Expiration	500/Roll
GL1296-M	Reagent Label - UltraClear Xylene Sub	Each

























#### Isopropyl Alcohol - A.C.S. Grade

**A.C.S. grade. Meets and exceeds histological grade.** Ideal for small tissue biopsy and to dehydrate hard, dense tissues. Tissue can remain in the solvent for extended periods of time without compromising results.

Item	Qty	Case Qty
RS4037	1 Gallon	4 x 1 Gal.



#### Methanol Alcohol - A.C.S Grade

A.C.S. grade. Meets and exceeds histological grade.

For routine tissue processing or as a substitute for ethanol.

Item	Qty	Case Qty
RS4039	1 Gallon	4 x 1 Gal.





## **37% Formaldehyde Formalin**An A.C.S. Reagent 37 wt. % in H20, contains

An A.C.S. Reagent 37 wt. % in H20, contains 10-15% methanol as a stabilizer (to prevent polymerization).

Item	Qty	Case Qty
RS4243	1 Gallon	4 x 1 Gal.

#### 10% Neutral Buffered Formalin

10% Neutral Phosphate Buffered Formalin is a ready-to-use fixative. The cubitainer packaging comes with a convenient carry handle and dispensing spout.

Item	Qty	Case Qty
RS4060	1 Gallon	4 x 1 Gal.
RS4060-A	2.5 Gallon	n/a
RS4061	5 Gallon	n/a
RS4064	55 Gallon	n/a





#### **Avantik Buffered Formalin Substitute**

A low-hazard alternative to 10% buffered formalin. Non-Flammable and contains no heavy metals. This fixative penetrates most specimens as fast as 10% NBF.

Item	Qty	Case Qty
RS4065	1 Gallon	4 x 1 Gal.



AVANTIK XYLENE

# Clearly Better!



#### Xylene - A.C.S. Grade

#### A.C.S. grade. Meets and exceeds histological grade.

Our Xylene is refined, pure filtered and lab tested to ensure consistent high quality for all histology procedures. High solvency for rapid and complete de-waxing and clearing. The unique black cap differentiates the Avantik Xylene, at-a-glance, from other reagents in the flammable cabinet. **Compatible with Avantik CoverMount.** 

ltem	Qty	Case Qty	CoverMount
RS4050	1 Gallon	4 x 1 Gal.	SL6012-A&B





#### **Avantik UltraClear Xylene Substitute**

Experience xylene-free processing with superior results. Does not produce hard or brittle specimens. Use in all tissue processors and automatic stainers. Very low odor. **Compatible with Avantik CoverMount 2.** 

Item	Qty	Case Qty	CoverMount
RS4058-A	1 Gallon	4 x 1 Gal.	SL6330-A&B

#### Safe Clear Clearing Agent

Low toxicity Xylene substitute. Low odor. May be used in all tissue processors.

Item	Qty	Case Qty
RS4073	1 Gallon	4 x 1 Gal.





#### Histo-Clear Xylene Substitute

Xylene substitute containing d-Limonene. Carefully purified and stabilized, Histo-Clear is one of the safest clearing agents available. Can directly substitute for xylene and yields excellent results in automated tissue processing. **Compatible with Avantik CoverMount 3.** 

Item	Qty	Case Qty	Compatible with
RS4057	1 Gallon	4 x 1 Gal.	SL6337-A&B

#### **Pro-Par Clearing Agent**

Unique aliphatic substitute for xylene. Non-irritating, non-sensitizing, greaseless and practically odorless. Not derived from citrus oil. Recyclable.

Item	Qty	Case Qty
RS4077	1 Gallon	4 x 1 Gal.







THE COMPREHENSIVE H&E STAIN SYSTEM FROM AVANTIK

# Consistent Staining. Crisp Delineation.

The Avantik Optik® H&E Staining System is a complementary set of quality reagents and stains designed to work in coordination with each other to produce consistent, conclusive results in your hematoxylin and eosin staining protocol which will surpass expectations in the lab every time.



### TYPEONE



#### Hematoxylin - Optik Type 1

A uniquely formulated **progressive** Hematoxylin that will produce crisp, well delineated chromatin while eliminating background staining. Exceeds Gills and Harris and will not form surface sheen or require daily filtering. **Readyto-use** and contains no mercury or alcohol. Hematoxylin DK provides a darker, more intense stain.

Item	Description	Size	Case Qty
RS4358-A	Hematoxylin	500mL	4 x 500mL
RS4576-A	Hematoxylin DK	500mL	4 x 500mL



#### Eosin - Optik Type 1

Optik Type 1 Eosin is an alcoholic eosin that is *ready-to-use* and allows for exceptional contrast between cytoplasm and nuclei. Produces a contrasting pastel appearance. Eosin PX, which contains phloxine, produces a more reddish stain in the cytoplasm.

Item	Description	Size	Case Qty
RS4359-A	Eosin	500mL	4 x 500mL
RS4577-A	Eosin PX	500mL	4 x 500mL
RS4611-A	Eosin LI	500mL	4 x 500mL



#### Bluing Reagent Concentrate - Optik Type 1

Optik Type 1 Bluing Reagent is a **concentrated** bluing reagent with a pH of 8.0 to assure proper bluing of hematoxylin stained tissue sections. It is also more resistant to the effects of carry-over and remains in the proper pH range for a longer period of time.

DC 12 (2 )	e Qty
RS4362-A 500mL 4 x 5	00mL



#### Bluing Reagent -Optik Type 1

Optik Type 1 Bluing Reagent is a **ready-to-use**, buffered bluing reagent with a pH of 8.0 to assure proper bluing of hematoxylin stained tissue sections. It is also more resistant to the effects of carry-over and remains in the proper pH range for a longer period of time.

Item	Qty	Case Qty
RS4363-B	1 Gal	4 x 1 Gal



#### Aqueous Clarifier Concentrate - Optik Type 1

Optik Type 1 Clarifier Concentrate is a uniquely formulated buffer that enhances cytoplasmic details, increases cell transparency and helps eliminate background staining. It selectively removes non-specific staining while leaving nuclear staining unaffected. This is a *concentrated* solution to be mixed.

Item	Qty	Case Qty
RS4360-A	500mL	4 x 500mL



#### Aqueous Clarifier -Optik Type 1

Optik Type 1 Clarifier is a uniquely formulated buffer that enhances cytoplasmic details, increases cell transparency and helps eliminate background staining. Selectively removes nonspecific staining while leaving nuclear staining unaffected. Convenient and *ready-to-use*.

Item	Qty	Case Qty
RS4361-B	1 Gal	4 x 1 Gal





THE COMPREHENSIVE H&E STAIN SYSTEM FROM AVANTIK

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#### Hematoxylin - Optik Type 2

Optik Type 2 Hematoxylin is a progressive stain producing crisp, well delineated chromatin while eliminating background staining. Has no affinity for mucin staining. Contains aluminum salt mordents which may form small, harmless crystals on the bottom of the bottle. These crystals will not interfere with staining and, if troublesome, can be filtered out. Type 2 hematoxylin contains no mercury or alcohol.

Item	Qty	Case Qty
RS4364-A	500mL	4 x 500mL



#### **Eosin - Optik Type 2**

Optik Type 2 Eosin is an alcoholic eosin with exceptional contrast between cytoplasmic components and nuclei. Stains cytoplasm various shades of pink and red. Eosin PX, which contains phloxine, produces a more reddish stain in the cytoplasm.

ltem	Description	Size	Case Qty
RS4365-A	Eosin	500mL	4 x 500mL
RS4578-A	Eosin PX	500mL	4 x 500mL



#### Bluing Reagent -Optik Type 2

Optik Type 2 Bluing reagent is buffered with a pH of 8 to assure bluing of hematoxylin stained tissue sections.

Item	Qty	Case Qty
RS4368-B	1 Gal	4 x 1 Gal



#### Alcoholic Clarifier -Optik Type 2

Optik Type 2 Alcoholic Clarifier is designed to be used with Type 2 Hematoxylin to produce cell transparency and remove any non-specific staining. Slightly milder clarifier than the Optik Aqueous Clarifier. Equivalent to Richard Allen Clarifier 1.

Item	Qty	Case Qty
RS4367-B	1 Gal	4 x 1 Gal



#### Aqueous Clarifier -Optik Type 2

Optik Type 2 Aqueous Clarifier is designed to be used with Type 2 Hematoxylin to produce cell transparency and remove any non-specific staining. Slightly stronger clarifier than the Optik Alcoholic Clarifier. Equivalent to Richard Allen Clarifier 2.

Item	Qty	Case Qty
RS4366-B	1 Gal	4 x 1 Gal

# \*Additional Options are Available...Call 800.783.9424

Speak To Your Local Avantik Representative to Find Out More!



## **Eosin Working Solution**

Eosin working solution is a *ready-to-use* dilution of Eosin Y 1%, producing a lighter secondary stain in routine H&E.

Item	Qty	Case Qty
RS4010-A	32 oz.	6 x 32 oz
RS4010-B	1 Gallon	4 x 1 Gal.



## **Eosin Y 1% Alcoholic**

Eosin Y is an alcohol-based, *ready-to-use* secondary stain used primarily in histology for routine hematoxylin and eosin staining.

Item	Qty	Case Qty
RS4015-A	32 oz.	6 x 32 oz.
RS4015-B	1 Gallon	4 x 1 Gal.



## **Eosin Y**

Eosin Y is an alcohol-based, *ready-to-use* secondary stain, lighter than Eosin Y 1%, and moderately darker than our Eosin Working Solution.

Item	Qty	Case Qty
RS4017-A	32 oz.	4 x 32 oz.
RS4017-B	1 Gallon	4 x 1 Gal.



## Hematoxylin Gills I

The Gills formula hematoxylins are used in the **progressive** method of staining. Does not contain mercury.

ltem	Qty	Case Qty
RS4028-A	32 oz.	4 x 32 oz.
RS4028-B	1 Gallon	4 x 1 Gal.



## Hematoxylin Gills III

The Gills formula hematoxylins are used in the **progressive** method of staining. Does not contain mercury. The stronger Gills III is usually preferred for use in histology.

Item	Qty	Case Qty
RS4021-A	32 oz.	4 x 32 oz.
RS4021-B	1 Gallon	4 x 1 Gal.





## Hematoxylin Gills II

The Gills formula hematoxylins are used in the **progressive** method of staining. Does not contain mercury.

Item	Qty	Case Qty
RS4025-A	32 oz.	4 x 32 oz.
RS4025-B	1 Gallon	4 x 1 Gal.



## Avantik Harris Hematoxylin

Harris Hematoxylin produces a deep, purple-blue stain. Typically used in *regressive* methods.

Item	Qty	Case Qty
RS4020-A	32 oz.	4 x 32 oz.
RS4020-B	1 Gallon	4 x 1 Gal.





## Acetone - A.C.S. Grade

## A.C.S. grade. Meets and exceeds histological grade.

The contaminant-free purity of ACS Reagent Grade Acetone.

Item	Qty	Case Qty
RS4074	1 Gallon	4 x 1 Gal.





## **High Purity Water**

Reagent Grade.

Item	Qty	Case Qty
RS4299	1 Gallon	4 x 1 Gal.
RS4379	5 Gallon Cube	Each

## Molecular Water

Item	Qty	Case Qty
RS4614-5L	5 Liter	Each
RS4614-10L	10 Liter	Each





## **Deionized Water**

Reagent Grade.

Item	Qty	Case Qty
RS4080	1 Gallon	4 x 1 Gal.
RS4089	5 Gal. Cube	Each

## **Acid Alcohol**

Used to remove excess stain and define nuclei following hematoxylin staining in the H&E method.

Item	Qty	Case Qty
RS4035	1 Gallon	4 x 1 Gal.





## **Avantik Bluing Reagent - Gallon**

Item	Qty	Case Qty
RS4245	1 Gallon	4 x 1 Gal.

## **Scotts Tap Water (Bluing Solution)**

pH controlled for consistent and quick bluing of hematoxylin. Rapid bluing and crisp nuclear detail.

Item	Qty	Case Qty
RS4044	1 Gallon	4 x 1 Gal.





## Richard Allen Scientific Bluing Reagent

Specially formulated to prevent tissue separation from the slide. Buffered to ensure proper alkalinity (pH = 8.0). Requires only a one minute water rinse versus conventional bluing reagents which require up to five minutes. Comparable to our Optik Type 2 bluing, item number RS4368-B.

Item	Qty	Case Qty
RS4081	1 Gallon	4 x 1 Gal

## **Richard Allen Scientific Clarifier 1,2**

Richard-Allen Scientific Clarifier 1 and 2 are unique acetic acid formulations designed to remove background stain caused by excessive tissue adhesive. Selectively removes unwanted hematoxylin staining from adhesive without affecting nuclear staining. Improves contrast between nuclei and cytoplasm.

Item	Qty	Case Qty
RS4082	1 Gallon	4 x 1 Gal
RS4104-A	1 Gallon	4 x 1 Gal



## **Cytology Stains**

Alcoholic based stains prepared from standard formulations to be used for routine staining of gynecological and non-gynecological specimens.

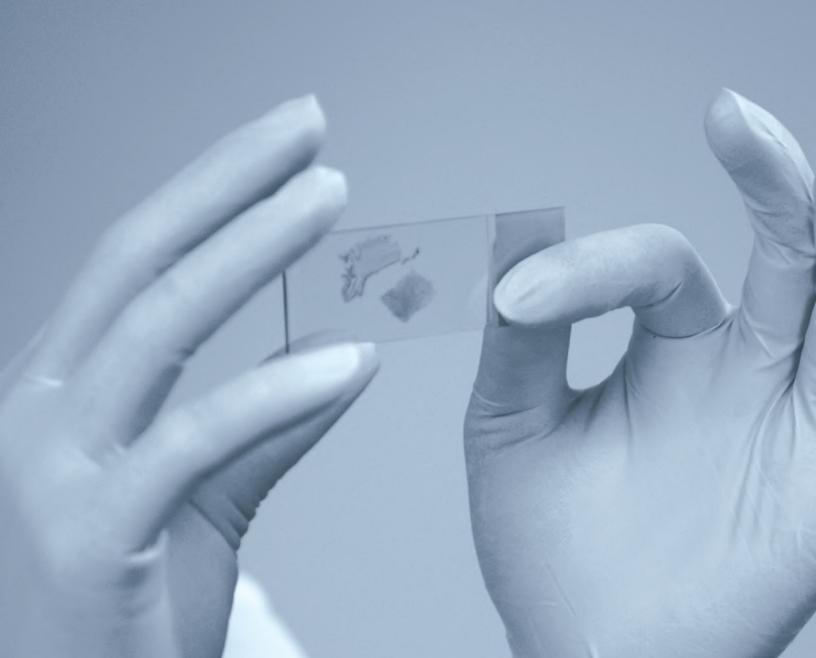
Item	Description	Qty
RS4596-500	EA-50 (Gill's Modified), 500 mL	Each/Case of 4
RS4596-1GL	EA-50 (Gill's Modified), 1 Gallon	Each
RS4594-IGL	EA-65 (Gill's Modified), 1 Gallon	Each
RS4595-1GL	OG-6, 1 Gallon	Each



# SPECIAL STAINS & CONTROL SLIDES

SPECIAL STAIN COMPLETE KITS 36-41
SPECIAL STAIN COMPONENTS 42-45
CONTROL SLIDES - SPECIAL STAINS 47
CONTROL SLIDES - IHC 48-50





# SPECIAL STAINS & CONTROL SLIDES





Special stains can play a critical role in your diagnosis when H&E staining may not provide all the information you need. You have alternative staining techniques that require quality special stains and Avantik's own line of special stains are developed with your needs in mind.

## **Avantik special stains are:**

- Available in complete kits making it easy for you to get all the components you need under one item number
- Over 30 complete kits available in three different sizes: 125 mL, 250 mL, and 500mL
- Individual special stain components are available
- Over 100 individual components available in two different sizes: 250 mL and 500 mL

Ask your Avantik sales representative about Avantik's special stains and other lab solutions that will help you achieve total workflow control!

•	•		
Kit Name	125mL	250mL	500mL
Acid Fast Bacteria (AFB) Stain Kit	RS4545-125	RS4545-250	RS4545-500
Components:			
Carbol Fuchsin Stain	125mL (1)	250mL (1)	500mL (1)
Acid Alcohol, 1%	500mL (1)	500mL (2)	500mL (4)
Light Green Counterstain	125mL (1)	250mL (1)	500mL (1)
Alcian Blue - PAS Stain Kit	RS4546-125	RS4546-250	RS4546-500
Components:			
Acetic Acid, 3%	125mL (1)	250mL (1)	500mL (1)
Alcian Blue Stain pH 2.5	125mL (1)	250mL (1)	500mL (1)
Periodic Acid, 0.5%	125mL (1)	250mL (1)	500mL (1)
Schiff Reagent	125mL (1)	250mL (1)	500mL (1)
Modified Mayer's Hematoxylin	125mL (1)	250mL (1)	500mL (1)
Alcian Blue pH 1.0 Stain Kit	RS4547-125	RS4547-250	RS4547-500
Components:			
Alcian Blue Stain pH 1.0 Stain	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 3%	250mL (1)	500mL (1)	500mL (2)
Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)
Alcian Blue pH 2.5 Stain Kit	RS4548-125	RS4548-250	RS4548-500
Components:			
Alcian Blue Stain pH 2.5	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 3%	250mL (1)	500mL (1)	500mL (2)
Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)
Amyloid (Congo Red) Stain Kit	RS4549-125	RS4549-250	RS4549-500
Components:			
Congo Red Stain, Alcoholic	125mL (1)	250mL (1)	500mL (1)
Amyloid Differentiating Solution	125mL (1)	250mL (1)	500mL (1)
Modified Mayer's Hematoxylin	125mL (1)	250mL (1)	500mL (1)
Argentaffin Stain Kit	RS4619-125	RS4619-250	RS4619-500
Components:			
Silver Nitrate, 10%	125mL (1)	250mL (1)	500mL (1)
Ammonium Hydroxide, 28%	125mL (1)	250mL (1)	500mL (1)
Gold Chloride, 0.2%	125mL (1)	250mL (1)	500mL (1)
Sodium Thiosulfate, 5%	125mL (1)	250mL (1)	500mL (1)
Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)
Calcium (Modified Von Kossa) Stain Kit	RS4550-125	RS4550-250	RS4550-500
Components:			
Silver Nitrate, 5%	125mL (1)	250mL (1)	500mL (1
Sodium Thiosulfate, 5%	125mL (1)	250mL (1)	500mL (1)
SKC1054 - Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)



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Kit Name	125mL	250mL	500mL
Colloidal Iron Stain Kit	RS4551-125	RS4551-250	RS4551-500
Components:			
Acetic Acid, 12%	500mL (1)	500mL (2)	500mL (4)
Colloidal Iron Stock Solution	125mL (1)	250mL (1)	500mL (1)
Hydrochloric Acid, 3%	125mL (1)	250mL (1)	500mL (1)
Potassium Ferrocyanide, 3%	125mL (1)	250mL (1)	500mL (1)
Van Gieson's Stain	125mL (1)	250mL (1)	500mL (1)
Copper (Microwave) Stain Kit	RS4552-125	RS4552-250	RS4552-500
Components:			
Rhodanine Stain Stock Solution	30mL (1)	60mL (1)	125mL (1)
Acetate Buffer, pH 8.0	500mL (2)	500mL (3)	500mL (4)
Modified Mayer's Hematoxylin	125mL (1)	250mL (1)	500mL (1)
Elastic (Modified Verhoeff's) Stain Kit	RS4553-125	RS4553-250	RS4553-500
Components:			
Alcoholic Hematoxylin, 5%	60mL (1)	125mL (1)	250mL (1)
Ferric Chloride, 10%	30mL (1)	60mL (1)	125mL (1)
Lugol's Iodine Solution	30mL (1)	60mL (1)	125mL (1)
Ferric Chloride, 2%	125mL (1)	250mL (1)	500mL (1)
Sodium Thiosulfate, 5%	125mL (1)	250mL (1)	500mL (1)
Van Gieson's Stain	125mL (1)	250mL (1)	500mL (1)
Fat (Oil Red O) Stain Kit	RS4554-125	RS4554-250	RS4554-500
Components:			
Propylene Glycol, 100%	125mL (1)	250mL (1)	500mL (1)
Oil Red O Stain	125mL (1)	250mL (1)	500mL (1)
Propylene Glycol, 85%	125mL (1)	250mL (1)	500mL (1)
Modified Mayer's Hematoxylin	125mL (1)	250mL (1)	500mL (1)
Giemsa Stain Kit	RS4663-125	RS4663-250	RS4663-500
Components:			
May-Grunwald (Jenner) Stock Solution	125mL (1)		
Giemsa Stain Stock Solution	125mL (1)		
Giemsa Buffer, pH 6.8	. ,		
	250mL (1)		

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Kit Name	125mL	250mL	500mL
GMS Stain Kit	RS4556-125	RS4556-250	RS4556-500
Components:			
GMS Methenamine Stock Solution	60mL	125mL (1)	250mL (1)
GMS Silver Nitrate Stock Solution	60mL	125mL (1)	250mL (1)
Gold Chloride, 0.2%	125mL (1)	250mL (1)	500mL (1)
Sodium Borate Solution	15mL (1)	15mL (1)	30mL (1)
Sodium Bisulfite , 1%	125mL (1)	250mL (1)	500mL (1)
Sodium Thiosulfate, 5%	125mL (1)	250mL (1)	500mL (1)
Chromic Acid, 5%	125mL (1)	250mL (1)	500mL (1)
Light Green Counterstain	125mL (1)	250mL (1)	500mL (1)
Gram (Modified) Stain Kit	RS4557-125	RS4557-250	RS4557-500
Components:			
Gentian Violet Stain	125mL (1)	250mL (1)	500mL (1)
Gram's Iodine Solution	125mL (1)	250mL (1)	500mL (1)
Gram's Decolorizer Solution	125mL (1)	250mL (1)	500mL (1)
Carbol Fuchsin Counterstain	125mL (1)	250mL (1)	500mL (1)
Tartrazine Stain	125mL (1)	250mL (1)	500mL (1)
Gram (Traditional) Stain Kit	RS4558-125	RS4558-250	RS4558-500
Components:			
Gentian Violet Stain	125mL (1)	250mL (1)	500mL (1)
Gram's Iodine Solution	125mL (1)	250mL (1)	500mL (1)
Gram's Decolorizer Solution	125mL (1)	250mL (1)	500mL (1)
Safranin O Stain	125mL (1)	250mL (1)	500mL (1)
Picric Acid-Acetone Solution	125mL (1)	250mL (1)	500mL (1)
H. Pylori Stain Kit	RS4559-125	RS4559-250	RS4559-500
Components:			
Periodic Acid, 1%	250mL (1)	500mL (1)	500mL (2)
Alcian Yellow Stain	125mL (1)	250mL (1)	500mL (1)
Sodium Metabisulfite, 5%	125mL (1)	250mL (1)	500mL (1)
Toluidine Blue Stock Solution	15mL (1)	30mL (1)	60mL (1)
Sodium Hydroxide, 3%	15mL (1)	15mL (1)	30mL (1)
Iron Stain Kit	RS4560-125	RS4560-250	RS4560-500
Components:	250 1 /1	F00 1 /3\	F00 1 /2\
Potassium Ferrocyanide, 3%	250mL (1)	500mL (1)	500mL (2)
Hydrochloric Acid, 3%	250mL (1)	500mL (1)	500mL (2)
Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)
Jones Stain Kit	RS4612-125	RS4612-250	RS4612-500
Components:	2501 /1	F00m1 /1\	[00mm] /2\
Periodic Acid, 0.5%	250mL (1)	500mL (1)	500mL (2)
Methenamine, 3%	250mL (1)	500mL (1)	500mL (2)
Silver Nitrate, 5%	125mL (1)	250mL (1)	500mL (1)
Sodium Borate Solution	250mL (1)	500mL (1)	500mL (2)
Gold Chloride, 0.2%	250mL (1)	500mL (1)	500mL (2)
Sodium Thiosulfate, 5%	125mL (1)	250mL (1)	500mL (1)
Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)



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Kit Name	125mL	250mL	500mL
Martius Scarlet Blue Stain Kit	RS4607-125	RS4607-250	RS4607-500
Components:			
Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution B	125mL (1)	250mL (1)	500mL (1)
Martius Yellow (MSB) Stain	125mL (1)	250mL (1)	500mL (1)
Crystal Scarlet (MSB) Stain	125mL (1)	250mL (1)	500mL (1)
Methylene Blue (MSB) Stain	125mL (1)	250mL (1)	500mL (1)
Phosphotungstic Acid, 1%	125mL (1)	250mL (1)	500mL (1)
Mucicarmine (Classic Southgate) Stain Kit	RS4562-125	RS4562-250	RS4562-500
Components:			
Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution B	125mL (1)	250mL (1)	500mL (1)
Mucicarmine Stock Solution	15mL (1)	30mL (1)	60mL (1)
Mentanil Yellow Stain	125mL (1)	250mL (1)	500mL (1)
Periodic Acid Schiff (PAS)	RS4563-125	RS4563-250	RS4563-500
Diastase Stain Kit			
Components:	43		
Diastase Solution	125mL (1)	250mL (1)	500mL (1)
Periodic Acid, 0.5%	125mL (1)	250mL (1)	500mL (1)
Schiff Reagent	125mL (1)	250mL (1)	500mL (1)
Modified Mayer's Hematoxylin	125mL (1)	250mL (1)	500mL (1)
Periodic Acid Schiff (PAS)	RS4564-125	RS4564-250	RS4564-500
Fungus Stain Kit			
Components:			(1)
Periodic Acid, 0.5%	125mL (1)	250mL (1)	500mL (1)
Schiff Reagent	125mL (1)	250mL (1)	500mL (1)
Light Green Counterstain	125mL (1)	250mL (1)	500mL (1)
Periodic Acid Schiff (PAS) Stain Kit	RS4565-125	RS4565-250	RS4565-500
Components:			(1)
Periodic Acid, 0.5%	125mL (1)	250mL (1)	500mL (1)
Schiff Reagent	125mL (1)	250mL (1)	500mL (1)
Modified Mayer's Hematoxylin	125mL (1)	250mL (1)	500mL (1)
Phosphotungistic Acid Hematoxylin (Classic PTAH) Stain Kit	RS4580-125	RS4580-250	RS4580-500
Components:			
Zenker's Fixative, Modified (Mercury Free)	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 99%	15mL (1)	15mL (1)	30mL (1)
Potassium Permanganate, 0.25%	125mL (1)	250mL (1)	500mL (1)
Oxalic Acid, 1%	125mL (1)	250mL (1)	500mL (1)
Phosphotungistic Acid Hematoxylin (PTAH		250mL (1)	500mL (1)

Kit Name	125mL	250mL	500mL
NIT Name	IZƏIIIL	ZOUIIL	JUUIIIL
Phosphotungistic Acid Hematoxylin (Improved PTAH) Stain Kit	RS4581-125	RS4581-250	RS4581-500
Components:			
Zinc Chloride Solution (PTAH)	250mL (1)	500mL (1)	500mL (2)
Ferric Ammonium Sulfate, 5%	125mL (1)	250mL (1)	500mL (1)
Phosphotungistic Acid Hematoxylin (PTAH)	125mL (1)	250mL (1)	500mL (1)
Reticulum Stain Kit	RS4566-125	RS4566-250	RS4566-500
Components:			
Potassium Permanganate, 1%	125mL (1)	250mL (1)	500mL (1)
Oxalic Acid, 1%	125mL (1)	250mL (1)	500mL (1)
Ferric Ammonium Sulfate, 2.5%	125mL (1)	250mL (1)	500mL (1)
Silver Nitrate, 10%	30mL (1)	60mL (1)	125mL (1)
Ammonium Hydroxide, 28%	15mL (1)	15mL (1)	15mL (1)
Ammonium Hydroxide, 3%	125mL (1)	250mL (1)	500mL (1)
Formalin Solution, 10%	125mL (1)	250mL (1)	500mL (1)
Gold Chloride, 0.1%	125mL (1)	250mL (1)	500mL (1)
Sodium Thiosulfate, 5%	125mL (1)	250mL (1)	500mL (1)
Nuclear Fast Red	125mL (1)	250mL (1)	500mL (1)
Nuclear rast neu	12311112 (1)	23011112 (1)	300ITIL (I)
Sulfated Alcian Blue (SAB) Amyloid Stain Kit	RS4582-125	RS4582-250	RS4582-500
Components:			
Alcian Blue, 1% Alcoholic	125mL (1)	250mL (1)	500mL (1)
Sodium Sulfate, 1%	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 99%	30mL (1)	60mL (1)	125mL (1)
Acetic Acid-Alcohol Solution (SAB)	125mL (1)	250mL (1)	500mL (1)
Picric Acid, 2.5% Alcoholic	125mL (1)	250mL (1)	500mL (1)
Sodium Borate (Saturated), Alcoholic	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution B Van Geieson's Stain			
Steiner (Uranyl Nitrate Free) Stain Kit	RS4567-125	RS4567-250	RS4567-500
Components:			
Steiner Sensitizer Solution	125mL (1)	250mL (1)	500mL (1)
Silver Nitrate, 1%	125mL (1)	250mL (1)	500mL (1)
Gum Mastic, 2.5%	125mL (1)	250mL (1)	500mL (1)
Hydroquinone Powder	0.5g (5)	0.5g (10)	0.5g (15)
Trichrome (Modified Gomori),	RS4568-125	RS4568-250	RS4568-500
Aniline Blue Stain Kit			
Aniline Blue Stain Kit Components:			
	125mL (1)	250mL (1)	500mL (1)
Components:	125mL (1) 125mL (1)	250mL (1) 250mL (1)	500mL (1) 500mL (1)
Components: Bouin's Solution Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Components: Bouin's Solution	. ,		



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Kit Name	125mL	250mL	500mL
Trichrome (Modified Gomori),	RS4569-125	RS4569-250	RS4569-500
Light Green Stain Kit			
Components:			
Bouin's Solution	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution B	125mL (1)	250mL (1)	500mL (1)
One Step Trichrome Stain, Green	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 0.5%	125mL (1)	250mL (1)	500mL (1)
Trichrome (Modified Masson),	RS4570-125	RS4570-250	RS4570-500
Aniline Blue Stain Kit			
Components:			
Bouin's Solution	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution B	125mL (1)	250mL (1)	500mL (1)
Biebrich Scarlet-Acid Fuchsin Stain	125mL (1)	250mL (1)	500mL (1)
Phosphotungstic	125mL (1)	250mL (1)	500mL (1)
Phosphomolybdic Acid			
Aniline Blue Stain	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 1%	125mL (1)	250mL (1)	500mL (1)
Trichrome Modified Masson,	RS4571-125	RS4571-250	RS4571-500
Light Green Stain Kit"			
Components:			
Bouin's Solution	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution A	125mL (1)	250mL (1)	500mL (1)
Iron Hematoxylin, Solution B	125mL (1)	250mL (1)	500mL (1)
Biebrich Scarlet-Acid Fuchsin Stain	125mL (1)	250mL (1)	500mL (1)
Phosphotungstic	125mL (1)	250mL (1)	500mL (1)
Phosphomolybdic Acid			
Light Green Stain (Masson)	125mL (1)	250mL (1)	500mL (1)
Acetic Acid, 1%	125mL (1)	250mL (1)	500mL (1)
Warthin-Starry (Modified) Stain Kit	RS4572-125	RS4572-250	RS4572-500
Components:			
Spirochete Sensitizing Solution	125mL (1)	250mL (1)	500mL (1)
Silver Nitrate, 0.5%, Acidulated	125mL (1)	250mL (1)	500mL (1)
Gelatin Solution, 4%, Acidulated	125mL (1)	250mL (1)	500mL (1)
Silver Nitrate, 2%, Acidulated	15mL (1)	30mL (1)	60mL (1)
Hydroquinone Solution, Acidulated	60mL (1)	125mL (1)	250mL (1)

\*Additional Special Stain Kits are Available...Call 800.783.9424 Speak To Your Local Avantik Representative to Find Out More!

Component Name	250mL	500mL
Acetate Buffer, pH 8.0	RS4381-250	RS4381-500
Acetic Acid, 1%	RS4383-250	RS4383-500
Acetic Acid, 3%	RS4385-250	RS4385-500
Acetic Acid, 12%	RS4384-250	RS4384-500
Acetic Acid, 99%	RS4590-250	RS4590-500
Acetic Acid - Alcohol Solution (SAB)	RS4591-250	RS4591-500
Acid Alcohol, 1%	RS4386-250	RS4386-500
Alcian Blue Stain, 1% Alcoholic	RS4592-250	RS4592-500
Alcian Blue Stain, pH 1.0	RS4387-250	RS4387-500
Alcian Blue Stain, pH 2.5	RS4388-250	RS4388-500
Alcian Yellow Stain	RS4389-250	RS4389-500
Alcoholic Hematoxylin, 5%	RS4390-250	RS4390-500
Alkaline-Alcohol Solution 50%	RS4633-250	RS4633-500
Ammonium Hydroxide, 28%	RS4391-250	RS4391-500
Ammonium Hydroxide, 3%	RS4392-250	RS4392-500
Amyloid Differentiating Solution	RS4393-250	RS4393-500
Aniline Blue Stain	RS4394-250	RS4394-500
Biebrich Scarlet-Acid Fuchsin Stain	RS4395-250	RS4395-500
Bouin's Solution	RS4396-250	RS4396-500
Carbol Fuchsin Counterstain	RS4397-250	RS4397-500
Chromic Acid, 5%	RS4399-250	RS4399-500
Colloidal Iron Stock Solution	RS4400-250	RS4400-500
Congo Red, Bennhold 1% Aqueous	RS4632-250	RS4632-500
Congo Red Stain, Alcoholic	RS4401-250	RS4401-500
Diastase Solution	RS4402-250	RS4402-500



Component Name	250mL	500mL
Ferric Ammonium Sulfate, 2%	RS4616-250	-
Ferric Ammonium Sulfate, 2.5%	RS4403-250	RS4403-500
Ferric Ammonium Sulfate, 5%	RS4593-250	RS4593-500
Ferric Chloride, 10%	RS4404-250	RS4404-500
Formalin Solution, 10%	RS4406-250	RS4406-500
Formalin Substitute, 20%	RS4617-250	-
Gelatin Solution, 4%, Acidulated	RS4407-250	RS4407-500
Gentian Violet Stain	RS4408-250	RS4408-500
Giemsa Stock Solution	-	RS4608-500
GMS Methenamine Stock Solution	RS4409-250	RS4409-500
GMS Silver Nitrate Stock Solution	RS4410-250	RS4410-500
Gold Chloride, 0.1%	RS4411-250	RS4411-500
Gold Chloride, 0.2%	RS4412-250	RS4412-500
Gram's Decolorizer Solution	RS4413-250	RS4413-500
Gram's Iodine Solution	RS4414-250	RS4414-500
Gum Mastic, 2.5%	RS4415-250	RS4415-500
Hydrochloric Acid, Aqueous 20%	RS4631-250	RS4631-500
Hydrochloric Acid, 3%	RS4416-250	RS4416-500
Hydroquinone Solution, Acidulated	RS4417-250	RS4417-500
Iron Hematoxylin, Solution A	RS4418-250	RS4418-500
Iron Hematoxylin, Solution B	RS4419-250	RS4419-500
Iron Hematoxylin Stain Kit (Sol. A&B)	RS4420-250	RS4420-500
Light Green Counterstain	RS4421-250	RS4421-500
Light Green Stain (Masson)	RS4422-250	RS4422-500
Lugol's Iodine Solution	RS4423-250	RS4423-500
Martius Yellow	RS4464-250	RS4464-500

Component Name	250mL	500mL	1 Gallon
Mentanil Yellow Stain	RS4425-250	RS4425-500	
Methylene Blue Stain	RS4426-250	RS4426-500	
Modified Mayer's Hematoxylin	RS4427-250	RS4427-500	
Mucicarmine Stock Solution	RS4428-250	RS4428-500	
Nuclear Fast Red	RS4429-250	RS4429-500	
Oil Red O Stain	RS4430-250	RS4430-500	
One Step Trichrome Stain, Blue	RS4431-250	RS4431-500	
One Step Trichrome Stain, Green	RS4432-250	RS4432-500	
Oxalic Acid, 1%	RS4433-250	RS4433-500	
Oxalic Acid, 5%	RS4583-250	RS4583-500	
Periodic Acid, 1%	RS4434-250	RS4434-500	RS4434-1GL
Periodic Acid, 0.5%	RS4435-250	RS4435-500	
Phosphotungstic Acid Hematoxylin (PTAH)	RS4584-250	RS4584-500	
Phosphotungstic-Phosphomolybdic Acid	RS4436-250	RS4436-500	
Picric Acid-Acetone Solution	RS4437-250	RS4437-500	
Potassium Ferrocyanide, 3%	RS4438-250	RS4438-500	
Potassium Ferrocyanide, 10%	RS4630-250	RS4630-500	
Potassium Metabisulfite, 2%	RS4618-250	RS4618-500	
Potassium Permanganate, 0.25%	RS4585-250	RS4585-500	
Potassium Permanganate, 1%	RS4439-250	RS4439-500	
Propylene Glycol, 100%	RS4440-250	RS4440-500	
Propylene Glycol, 85%	RS4441-250	RS4441-500	
Rhodanine Stain Stock Solution	RS4442-250	RS4442-500	
Safranin O Stain	RS4444-250	RS4444-500	
Schiff Reagent	RS4450-250	RS4450-500	



Component Name	250mL	500mL
Silver Nitrate, 0.5%, Acidulated	RS4445-250	RS4445-500
Silver Nitrate, 1%	RS4446-250	RS4446-500
Silver Nitrate, 10%	RS4447-250	RS4447-500
Silver Nitrate, 2%, Acidulated	RS4448-250	RS4448-500
Silver Nitrate, 5%	RS4449-250	RS4449-500
Sodium Borate (Saturated), Alcoholic	RS4586-250	RS4586-500
Sodium Borate Solution	RS4452-250	RS4452-500
Sodium Hydroxide, 3%	RS4453-250	RS4453-500
Sodium Metabisulfite, 5%	RS4454-250	RS4454-500
Sodium Sulfate, 1%	RS4587-250	RS4587-500
Sodium Thiosulfate, 2%	RS4634-250	RS4634-500
Sodium Thiosulfate, 5%	RS4455-250	RS4455-500
Spirochete Sensitizing Solution	RS4456-250	RS4456-500
Steiner Sensitizer Solution	RS4457-250	RS4457-500
Tartrazine Stain	RS4458-250	RS4458-500
Toluidine Blue Stock Solution	RS4459-250	RS4459-500
Van Gieson's Stain	RS4460-250	RS4460-500
Xylene-Peanut Oil Solution	RS4461-250	RS4461-500
Zinc Chloride Solution (PTAH)	RS4588-250	RS4588-500
Zenker's Fixative, Modified (Mercury Free)	RS4589-250	RS4589-500

Component Name	250mL	500mL	
Hydroquinone Powder, 0.5g each (10Pk)	-	RS4462	
T Blue Powder	RS4047-5	RS4047-25	

\*Additional Special Stains are Available...Call 800.783.9424
Speak To Your Local Avantik Representative to Find Out More!

Fach set of Avantik Control Slides



are created from paraffin embedded human tissue, mounted and processed in the United States with reagents and stains of the highest quality, mounted on charged slides.

These high-quality control slides will give you the assurance you need in order to provide an accurate and confident diagnosis.

## **Avantik Control Slides:**

- Can be ordered in quantities of 12, 25 or 100 slides per box
- Over 130 different types of control slides are available to choose from
- Each box comes with a single pre-stained slide to illustrate the expected result of a positive slide
- All slides are carefully packaged with a liner cushion to prevent the risk of damage
- All slides come in a durable, hinged slide box for safe transport and storage
- Control slides work with automated platform

Don't see the control slide you are looking for? **Just ask!** We will make your control slide for you.



## Special Stain Control Slides

Special Stains	12 Slides	25 Slides <sup>24+1</sup>	100 Slides <sup>99+1</sup>
Acid Fast Bacilli (AFB) Pos/Neg	SL6363-A	SL6363-B	SL6363-D
Acid Fast Bacilli (AFB)	SL6220-A	SL6220-B	SL6220-D
Alcian Blue	SL6201-A	SL6201-B	SL6201-D
Amyloid, Congo Red Pos/Neg	SL6383-A	SL6383-B	SL6383-D
Amyloid, Congo Red	SL6202-A	SL6202-B	SL6202-D
Amyloid, Congo Red (Dark)	SL6361-A	SL6361-B	SL6361-D
Elastic	SL6204-A	SL6204-B	SL6204-D
Fat	SL6205-A	SL6205-B	SL6205-D
Fontana Masson (Melanin)	SL6206-A	SL6206-B	SL6206-D
Fontana Masson (Silver)	SL6331-A	SL6331-B	SL6331-D
Fungi-PAS Pos/Neg	SL6379-A	SL6379-B	SL6379-D
Fungi-PAS	SL6207-A	SL6207-B	SL6207-D
Fungi-GMS Pos/Neg	SL6378-A	SL6378-B	SL6378-D
Fungi-GMS	SL6208-A	SL6208-B	SL6208-D
Giemsa (For Mast Cells)	SL6209-A	SL6209-B	SL6209-D
Giemsa (For Helico)	SL6210-A	SL6210-B	SL6210-D
GMS Aspergullis	SL6329-A	SL6329-B	SL6329-D
GMS Candidia	SL6402-A	SL6402-B	SL6402-D
GMS-PCP	SL6328-A	SL6328-B	SL6328-D
Gram Stain	SL6211-A	SL6211-B	SL6211-D
Iron, Prussian Blue	SL6212-A	SL6212-B	SL6212-D
Melanin Tissue Control Slide	SL6347-A	SL6347-B	SL6347-D
Mucicarmine	SL6213-A	SL6213-B	SL6213-D
Non Positive Cerebellum	SL6377-A	SL6377-B	SL6377-D
Periodic Acid (PAS/Glycogen)	SL6214-A	SL6214-B	SL6214-D
Periodic Acid w/ Digestion (PAS-D)	SL6215-A	SL6215-B	SL6215-D
Pneumocystis	SL6216-A	SL6216-B	SL6216-D
Reticulum	-	-	SL6381-D
Steiner	SL6218-A	SL6218-B	SL6218-D
Trichrome Pos/Neg	SL6380-A	SL6380-B	SL6380-D
Trichrome	SL6219-A	SL6219-B	SL6219-D
Unstained Tonsil Control Slide	SL6384-A	SL6384-B	SL6384-D

## \*Additional Special Stain Control Slides are Available...Call 800.783.9424

Speak To Your Local Avantik Representative to Find Out More!

## **IHC Stain Control Slides**

IHC Stains	12 Slides	25 Slides 24+1	100 Slides 99+1
Actin, Smooth Muscle (SMA)	SL6230-A	SL6230-B	SL6230-D
Alpha Feta Protein (AFP)	SL6231-A	SL6231-A SL6231-B SL62	
ALK Control Slide	SL6348-A	SL6348-B	SL6348-D
B72.3	SL6232-A	SL6232-B	SL6232-D
BCL-1/Cyclin D1	SL6233-A	SL6233-B	SL6233-D
BCL-2	SL6234-A	SL6234-B	SL6234-D
BCL-6	SL6235-A	SL6235-B	SL6235-D
BER-EP4	SL6236-A	SL6236-B	SL6236-D
CA-125	SL6237-A	SL6237-B	SL6237-D
CA-19.9	SL6238-A	SL6238-B	SL6238-D
Calcitonin	SL6239-A	SL6239-B	SL6239-D
Calponin	SL6240-A	SL6240-B	SL6240-D
Calretinin	SL6241-A	SL6241-B	SL6241-D
CAM 5.2	SL6242-A	SL6242-B	SL6242-D
CD10	SL6243-A	SL6243-B	SL6243-D
CD117	SL6244-A	SL6244-B	SL6244-D
CD138	SL6245-A	SL6245-B	SL6245-D
CD15	SL6246-A	SL6246-B	SL6246-D
CD1A	SL6247-A	SL6247-B	SL6247-D
CD20	SL6248-A	SL6248-B	SL6248-D
CD21	SL6249-A	SL6249-B	SL6249-D
CD-22	SL6250-A	SL6250-B	SL6250-D
CD23	SL6251-A	SL6251-B	SL6251-D
CD3	SL6252-A	SL6252-B	SL6252-D
CD30	SL6253-A	SL6253-B	SL6253-D
CD31	SL6254-A	SL6254-B	SL6254-D
CD34 (QBEND10)	SL6255-A	SL6255-B	SL6255-D
CD43	SL6256-A	SL6256-B	SL6256-D
CD5	SL6257-A	SL6257-B	SL6257-D
CD56	SL6258-A	SL6258-B	SL6258-D
CD68	SL6259-A	SL6259-B	SL6259-D
CDX2	SL6260-A	SL6260-B	SL6260-D
CEA Mono	SL6261-A	SL6261-B	SL6261-D
CEA Polyclonal	SL6262-A	SL6262-B	SL6262-D
Chromogranin	SL6263-A	SL6263-B	SL6263-D
CK-19	SL6264-A	SL6264-B	SL6264-D



## **IHC Stain Control Slides**

	2 Slides +1	25 Slides 24+1	100 Slides <sup>99+1</sup>
CK-5/6	SL6265-A	SL6265-B	SL6265-D
CK-903	SL6266-A	SL6266-B	SL6266-D
Colon P53 Tumor Control Slide	SL6346-A	SL6346-B	SL6346-D
Cytokeratin 20 (CK20)	SL6267-A	SL6267-B	SL6267-D
Cytokeratin 7 (CK7)	SL6268-A	SL6268-B	SL6268-D
Cytokeratin AE1/AE3	SL6269-A	SL6269-B	SL6269-D
Cytology consult slides	SL6270-A	SL6270-B	SL6270-D
D2-40	SL6272-A	SL6272-B	SL6272-D
Desmin	SL6273-A	SL6273-B	SL6273-D
EBER ISH	SL6420-A	SL6420-B	SL6420-D
E-Cadherin	SL6274-A	SL6274-B	SL6274-D
EMA	SL6275-A	SL6275-B	SL6275-D
Epithelial Specific Antigen (ESA)	SL6276-A	SL6276-B	SL6276-D
ER	SL6277-A	SL6277-B	SL6277-D
Factor 13A	SL6278-A	SL6278-B	SL6278-D
Glial Fibre Acidic Protein (GFAP)	SL6279-A	SL6279-B	SL6279-D
Gross Cystic Disease Fluid Protein (GCDFP)	SL6280-A	SL6280-B	SL6280-D
НВМЕ-1	SL6281-A	SL6281-B	SL6281-D
HCC, Heptocellular Carcinoma Antigen	SL6282-A	SL6282-B	SL6282-D
Helicobacter Pylori	SL6283-A	SL6283-B	SL6283-D
Hepatitis B Virus Surface	SL6284-A	SL6284-B	SL6284-D
HMB-45	SL6285-A	SL6285-B	SL6285-D
Human Placental Lactagen (HPL)	SL6286-A	SL6286-B	SL6286-D
Inhibin	SL6287-A	SL6287-B	SL6287-D
Карра	SL6288-A	SL6288-B	SL6288-D
K167	SL6289-A	SL6289-B	SL6289-D
KI67 Tonsil Control Slide	SL6345-A	SL6345-B	SL6345-D
Lambda	SL6290-A	SL6290-B	SL6290-D
LCA	SL6291-A	SL6291-B	SL6291-D
Mammaglobin	SL6292-A	SL6292-B	SL6292-D
Melan A (MART-1)	SL6293-A	SL6293-B	SL6293-D
MIC-2	SL6294-A	SL6294-B	SL6294-D

\*Additional Special Stain Control Slides are Available...Call 800.783.9424

Speak To Your Local Avantik Representative to Find Out More!

## **IHC Stain Control Slides**

IHC Stains	12 Slides	25 Slides <sup>24+1</sup>	100 Slides 99+1
MLH-1	SL6295-A	SL6295-B	SL6295-D
MLH-1 Deletion Control Slide	SL6325-A	SL6325-B	SL6325-D
MSH-2	SL6296-A	SL6296-B	SL6296-D
MSH-2 Deletion Control Slide	SL6326-A	SL6326-B	SL6326-D
MSH-6	SL6297-A	SL6297-B	SL6297-D
MSH-6 Deletion Control Slide	SL6327-A	SL6327-B	SL6327-D
MSI	SL6407-A	SL6407-B	SL6407-D
Neuron Specific Enolase	SL6298-A	SL6298-B	SL6298-D
P-16 (HPV)	SL6299-A	SL6299-B	SL6299-D
P-504S	SL6300-A	SL6300-B	SL6300-D
P-53	SL6301-A	SL6301-B	SL6301-D
P-57	SL6302-A	SL6302-B	SL6302-D
P-63	SL6303-A	SL6303-B	SL6303-D
Pan Cytokeratin (CYP)	SL6304-A	SL6304-B	SL6304-D
PAX 5	SL6305-A	SL6305-B	SL6305-D
PAX-8	SL6306-A	SL6306-B	SL6306-D
PIN-4	SL6307-A	SL6307-B	SL6307-D
Placental Alkaline Phosphatase (PLAP)	SL6308-A	SL6308-B	SL6308-D
PMS-2	SL6309-A	SL6309-B	SL6309-D
PMS-2 Deletion Control Slide	SL6324-A	SL6324-B	SL6324-D
PR	SL6310-A	SL6310-B	SL6310-D
Prostatic Acid Phosphatase (PSAP)	SL6311-A	SL6311-B	SL6311-D
Prostatic Specific Antigen (PSA)	SL6312-A	SL6312-B	SL6312-D
RCC	SL6313-A	SL6313-B	SL6313-D
S-100	SL6314-A	SL6314-B	SL6314-D
Synaptophysin	SL6315-A	SL6315-B	SL6315-D
TdT	SL6316-A	SL6316-B	SL6316-D
Thyroglobulin	SL6317-A	SL6317-B	SL6317-D
Tonsil	SL6384-A	SL6384-B	SL6384-D
TTF-1	SL6318-A	SL6318-B	SL6318-D
Tyrosinase	SL6319-A	SL6319-B	SL6319-D
Vimentin	SL6320-A	SL6320-B	SL6320-D
WT1	SL6321-A	SL6321-B	SL6321-D

\*Additional Special Stain Control Slides are Available...Call 800.783.9424

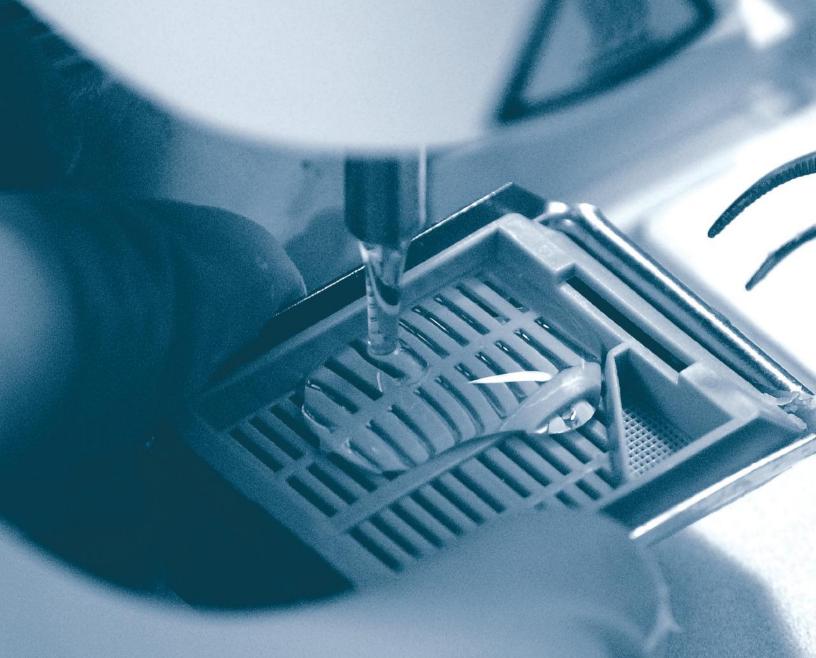
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## **EMBEDDING**

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## EMBEDDING





## **Avantik OCT Compound (4 oz.)**

High viscosity. Specifically formulated for embedding dermatologic specimens. Compare with Tissue-Tek OCT for quality. Optimal sectioning at a lower price.

Item	Color	Qty	Case Qty
EM0199	Clear	Each	12

## Tissue-Tek OCT Compound (4 oz.)

Tissue-Tek OCT compound for cryo-embedding.

Item	Color	Qty	Case Qty
EM0123	Clear	Each	12



## Tissue Freezing Medium (4 oz.)

TBS Tissue Freezing Medium (TFM) available in four colors plus clear. Use different colors to differentiate between cases, types of specimens, etc. Specify color. Mix colors in a case. Additional colors available.

Item	Color	Qty	Case Qty
EM0112-C	Clear	Each	12
EM0112-G	Green	Each	4
EM0112-B	Blue	Each	4
EM0112-R	Red	Each	4
EM0112-Y	Yellow	Each	4



## **NEG-50 Frozen Section Medium**

The Richard-Allan Scientific NEG-50 Frozen Section Medium is a water-soluble frozen section medium that yields sections down to -50°C. Yellow, pink, orange, green and blue available.

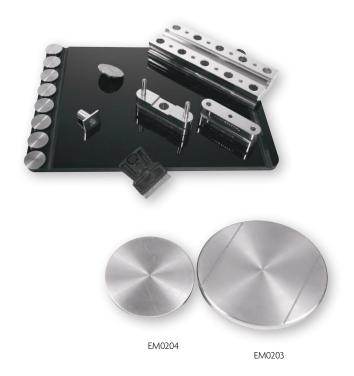
Item	Color	Case Qty
EM0197-C-A	Colorless	6 - 4oz. Bottles
EM0197-C-B	Colorless	2 - 4oz. Bottles
EM0234	Colored	6 - 4oz. Bottles



## cryoEMBEDDER®

The cryoEMBEDDER® is a revolutionary device used to assist in the preparation of fresh tissue for frozen sectioning and was designed specifically for use in Mohs surgery. The advantage of this instrument is quick and precise tissue sample preparation, which allows for immediate and accurate diagnosis of cutaneous malignant conditions.

Item	Description	Qty
EM0202	cryoEmbedder® Complete Kit Includes:	Each
	1 Embedding Device, 8 Small Flat Steel Buttons,	
	1 Large Flat Steel Button, 1 Adapter, 1 Cutting Board,	
	1 Button Holder, 1 Instructional CD	
Accessori	es	
EM0203	cryoEmbedder® Large Disc - 40mm	Each
EM0204	cryoEmbedder® Small Disc - 24 mm	Each
EM0232	cryo Chucks - 30mm	Each
EM0233	cryo Chucks - 40mm	Each
EM0265	cryoEmbedder® Chuck/Button Holder	Each





## Leica Round Specimen Holder

Aluminum specimen discs for use with Leica cryostats.

ltem	Sizes	Qty
EM0155-A	25 mm	Each
EM0155-B	30 mm	Each
EM0155-C	35 mm	Each
EM0155-D	40 mm	Each
EM0155-E	55 mm	Each

## Avantik Cryostat Round Specimen Holder

Aluminum specimen discs for use with the Avantik QS11 and QS12 cryostat as well as Thermo cryostats.

Item	Sizes	Qty
EM0162-A	30 mm	Each
EM0162-B	40 mm	Each
EM0162-C	25 mm	Each



## **Small Heat Extractor Assembly**

Multi-positional small heat extractor is incorporated on a vertical shaft for even freezing and easy removal from specimen. Can be operated from any position on the freeze bar. 30mm (1-3/16") diameter.

Item	Qty	Case Qty
EM0306	Each	Each





## Large Heat Extractor

Multi-positional large heat extractor is incorporated on a vertical shaft for even freezing and easy removal from specimen. Can be operated from any position on the freeze bar. 40mm (1 - 9/16") diameter.

Item	Qty	Case Qty
EM0215	Each	Each

## Well Bar Embedding Set



This system for embedding tissue samples for frozen section uses face-down embedding in freezing temperature wells and offers dramatic advantages in precision, speed, decreased tissue wastage, ease and comfort. The system can be easily adapted to existing cryostats of all varieties. The system requires simple apparatus and once installed, requires only simple cleaning and maintenance.

Item	Description	Qty
EM0231	Medium Well Bar Embedding Set	Each
EM0238	24/30 mm Well Bar Embedding Set	Each
EM0286	18 mm Embedding Well Bar	Each
EM0258	24 mm Embedding Well Bar	Each
EM0273	30 mm Embedding Well Bar	Each
EM0200	Small Chuck	Each
EM0237	Large Chuck	Each
EM0259	Over-Chuck Freezing Blocks	Each
EM0267	Well Bar Dispensing Slide	Pack/8

## Cryospray with Nozzle (10 oz. Can)

Non-polluting spray for histology without fluorochlorocarbons (harmless for ozone layer). Optimal freeze control by special spray nozzle.

ltem	Qty	Case Qty
EM0190	Each	12



## AVANTIK ULTRAFIN PARAFFIN

# Pure & Consistent

## Avantik UltraFin™ Paraffin

Tissue embedding medium with rapid penetration. Melts quickly at 56-57°C. Double filtered containing polymers and (0.8%) of dimethyl sulphoxide (DMSO) for fast tissue penetration. Ideal for laboratories that use one paraffin for both embedding and processing. Compare to Paraplast Plus®.

Item	Size	Case Qty
EM0125-A	2.2 lb Bag	8 x 2.2 lb. bags





## Avantik UltraFin I.E.™ Paraffin

Ultrafin I.E. is the ultimate infiltration medium. Ideal for improved tissue infiltration. Melting point 56-58°C. Compare to Paraplast®.

Item	Size	Case Qty
EM0125-B	2.2 lb bags (1kg)	8 x 2.2 lb. bags





## **Cucumber Melon Paraffin Repellent**

Prevent wax from sticking to painted surfaces, use as an effective mold release, as well as clean up wax from instruments and counter tops.

ltem	Size	Case Qty
EM0283	4 oz. spray bottle	4/Case



## Why Waste Your Time

Trying to Find the Right Color & Style of Cassette?



Add Convenience to Your Workflow with Avantik Taped & Color-Coded Cassettes.

Coded Packaging

With Avantik's EZ-I.D. label color-coding packaging system, you'll easily find the right color and style you need. We take the time and care to color code the individual taped cassette boxes and cases, so the contents are easily identifiable from the outside. A great convenience to laboratories carrying multiple styles of cassettes.

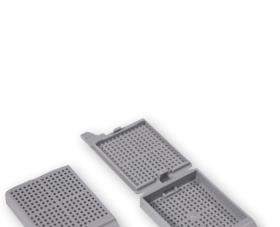
## Along with the great benefit of the color-coded system, Avantik Taped Cassettes are designed to give you the best results.

- Taped cassettes are easy to load and optimized for use with Leica and Sakura printers
- Routine, Procession, Biopsy and Micromesh with lids fixed open, hinged or separate
- Properly designed efficient slots to ensure excellent fluid exchange and drainage
- Box conventiently opens from front for easy access

## **EMBEDDING**







<b>Routine Cassette</b> Three-sided writing surface, 35° angle.
---

Item	Description	Qty	Color	
EM0169-T2	Routine Cass w/lid	1000/cs	White	
EM0169-T3	Routine Cass w/lid	1000/cs	Pink	
EM0169-T4	Routine Cass w/lid	1000/cs	Green	
EM0169-T5	Routine Cass w/ld	1000/cs	Yellow	
EM0169-T6	Routine Cass w/lid	1000/cs	Blue	
EM0169-T7	Routine Cass w/lid	1000/cs	Peach	
EM0169-T8	Routine Cass w/lid	1000/cs	Tan	
EM0169-T9	Routine Cass w/lid	1000/cs	Gray	
EM0169-T10	Routine Cass w/lid	1000/cs	Lilac	
EM0169-T11	Routine Cass w/lid	1000/cs	Orange	
EM0169-T12	Routine Cass w/lid	1000/cs	Aqua	
EM0169-T14	Routine Cass w/lid	1000/cs	Red	
EM0169-T15	Routine Cass w/lid	1000/cs	Lavender	
EM0169-T19	Routine Cass w/lid	1000/cs	Gold	
EM0169-T20	Routine Cass w/lid	1000/cs	Light Gray	

### **Biopsy Cassette**

2.0ps, cass.			
EM0168-T2	Biopsy Cass w/lid	1000/cs	White
EM0168-T3	Biopsy Cass w/lid	1000/cs	Pink
EM0168-T4	Biopsy Cass w/lid	1000/cs	Green
EM0168-T5	Biopsy Cass w/lid	1000/cs	Yellow 📙
EM0168-T6	Biopsy Cass w/lid	1000/cs	Blue 📗
EM0168-T7	Biopsy Cass w/lid	1000/cs	Peach 📙
EM0168-T8	Biopsy Cass w/lid	1000/cs	Tan
EM0168-T9	Biopsy Cass w/lid	1000/cs	Gray
EM0168-T10	Biopsy Cass w/lid	1000/cs	Lilac
EM0168-T11	Biopsy Cass w/lid	1000/cs	Orange 📙
EM0168-T12	Biopsy Cass w/lid	1000/cs	Aqua 📗



## Taped Cassettes



## **Processing Cassette w/o Lid**

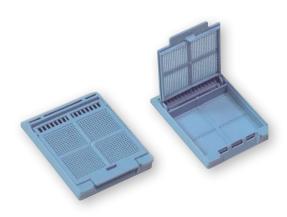
Item	Description	Qty	Color	
EM0165-T2	Processing Cass w/o lid	2000/cs	White	
EM0165-T3	Processing Cass w/o lid	2000/cs	Pink	
EM0165-T4	Processing Cass w/o lid	2000/cs	Green	
EM0165-T5	Processing Cass w/o lid	2000/cs	Yellow	
EM0165-T6	Processing Cass w/o lid	2000/cs	Blue	
EM0165-T7	Processing Cass w/o lid	2000/cs	Peach	
EM0165-T8	Processing Cass w/o lid	2000/cs	Tan	
EM0165-T9	Processing Cass w/o lid	2000/cs	Gray	
EM0165-T10	Processing Cass w/o lid	2000/cs	Lilac	
EM0165-T11	Processing Cass w/o lid	2000/cs	Orange	
EM0165-T12	Processing Cass w/o lid	2000/cs	Aqua	





Item	Description	Qty	Color	
EM0291-T2	Taped SureFlow	2000/cs	White	
EM0291-T3	Taped SureFlow	2000/cs	Pink	
EM0291-T4	Taped SureFlow	2000/cs	Green	
EM0291-T5	Taped SureFlow	2000/cs	Yellow	
EM0291-T6	Taped SureFlow	2000/cs	Blue	
EM0291-T7	Taped SureFlow	2000/cs	Peach	
EM0291-T8	Taped SureFlow	2000/cs	Tan	
EM0291-T9	Taped SureFlow	2000/cs	Gray	
EM0291-T10	Taped SureFlow	2000/cs	Lilac	
EM0291-T11	Taped SureFlow	2000/cs	Orange	
EM0291-T12	Taped SureFlow	2000/cs	Aqua	

## **Micromesh Biopsy Cassette**



EM0175-T2	Micromesh Biopsy	2000/cs	White	
EM0175-T3	Micromesh Biopsy	2000/cs	Pink	
EM0175-T4	Micromesh Biopsy	2000/cs	Green	
EM0175-T5	Micromesh Biopsy	2000/cs	Yellow	
EM0175-T6	Micromesh Biopsy	2000/cs	Blue	
EM0175-T7	Micromesh Biopsy	2000/cs	Peach	
EM0175-T8	Micromesh Biopsy	2000/cs	Tan	
EM0175-T9	Micromesh Biopsy	2000/cs	Gray	
EM0175-T10	Micromesh Biopsy	2000/cs	Lilac	
EM0175-T11	Micromesh Biopsy	2000/cs	Orange	
EM0175-T12	Micromesh Biopsy	2000/cs	Aqua	

## Taped Cassettes



## Slimsette

EM0177-T2	Slimsette	2000/cs	White	
EM0177-T3	Slimsette	2000/cs	Pink	
EM0177-T4	Slimsette	2000/cs	Green	
EM0177-T5	Slimsette	2000/cs	Yellow	
EM0177-T6	Slimsette	2000/cs	Blue	
EM0177-T7	Slimsette	2000/cs	Peach	
EM0177-T8	Slimsette	2000/cs	Tan	
EM0177-T9	Slimsette	2000/cs	Gray	
EM0177-T10	Slimsette	2000/cs	Lilac	
EM0177-T11	Slimsette	2000/cs	Orange	
EM0177-T12	Slimsette	2000/cs	Agua	





Item	Description	Qty	Color
EM0183-T2	Histosette II	1750/cs	White
EM0183-T3	Histosette II	1750/cs	Pink 📙
EM0183-T4	Histosette II	1750/cs	Green
EM0183-T5	Histosette II	1750/cs	Yellow 📙
EM0183-T6	Histosette II	1750/cs	Blue 📃
EM0183-T7	Histosette II	1750/cs	Peach 📙
EM0183-T8	Histosette II	1750/cs	Tan 📙
EM0183-T9	Histosette II	1750/cs	Gray
EM0183-T10	Histosette II	1750/cs	Lilac 📃
EM0183-T11	Histosette II	1750/cs	Orange 📙
FM0183-T12	Histosette II	1750/cs	Agua

## Microsette I



EM0187-T2	Microsette I Biopsy	1750/cs	White
EM0187-T3	Microsette I Biopsy	1750/cs	Pink 📙
EM0187-T4	Microsette I Biopsy	1750/cs	Green
EM0187-T5	Microsette I Biopsy	1750/cs	Yellow
EM0187-T6	Microsette I Biopsy	1750/cs	Blue 📋
EM0187-T7	Microsette I Biopsy	1750/cs	Peach 📙
EM0187-T8	Microsette I Biopsy	1750/cs	Tan
EM0187-T9	Microsette I Biopsy	1750/cs	Gray
EM0187-T10	Microsette I Biopsy	1750/cs	Lilac 🔲
EM0187-T11	Microsette I Biopsy	1750/cs	Orange 📙
EM0187-T12	Microsette I Biopsy	1750/cs	Aqua 📗









## Swingsette

ltem	Description	Qty	Color	
EM0170-2SL	Swingsette	750/cs	White	
EM0170-3SL	Swingsette	750/cs	Pink	
EM0170-4SL	Swingsette	750/cs	Green	
EM0170-5SL	Swingsette	750/cs	Yellow	
EM0170-6SL	Swingsette	750/cs	Blue	
EM0170-7SL	Swingsette	750/cs	Peach	
EM0170-8SL	Swingsette	750/cs	Tan	
EM0170-9SL	Swingsette	750/cs	Gray	
EM0170-10SL	Swingsette	750/cs	Lilac	
EM0170-11SL	Swingsette	750/cs	Orange	
EM0170-12SL	Swingsette	750/cs	Aqua	

## **Swingsette Biopsy**

EM0171-2SL	Swingsette Biopsy	750/cs	White	
EM0171-3SL	Swingsette Biopsy	750/cs	Pink	
EM0171-4SL	Swingsette Biopsy	750/cs	Green	
EM0171-5SL	Swingsette Biopsy	750/cs	Yellow	
EM0171-6SL	Swingsette Biopsy	750/cs	Blue	
EM0171-7SL	Swingsette Biopsy	750/cs	Peach	
EM0171-8SL	Swingsette Biopsy	750/cs	Tan	
EM0171-9SL	Swingsette Biopsy	750/cs	Gray	
EM0171-10SL	Swingsette Biopsy	750/cs	Lilac	
EM0171-11SL	Swingsette Biopsy	750/cs	Orange	
EM0171-12SL	Swingsette Biopsy	750/cs	Aqua	

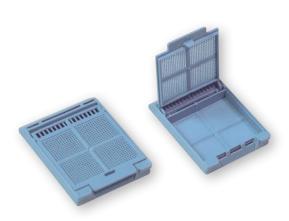
## Sleeved Cassettes



## **Suresette Cassette**

EM0287-2SL	Suresette	750/cs	White	
EM0287-3SL	Suresette	750/cs	Pink 📙	
EM0287-4SL	Suresette	750/cs	Green	
EM0287-5SL	Suresette	750/cs	Yellow 📙	
EM0287-6SL	Suresette	750/cs	Blue 📗	
EM0287-7SL	Suresette	750/cs	Peach 📙	
EM0287-8SL	Suresette	750/cs	Tan 📗	
EM0287-9SL	Suresette	750/cs	Gray	
EM0287-10SL	Suresette	750/cs	Lilac 🔲	
EM0287-11SL	Suresette	750/cs	Orange 📙	
EM0287-12SL	Suresette	750/cs	Aqua 📗	





Item	Description	Qty	Color	
EM0175-2SL	Micromesh Biopsy	750/cs	White	
EM0175-3SL	Micromesh Biopsy	750/cs	Pink	
EM0175-4SL	Micromesh Biopsy	750/cs	Green	
EM0175-5SL	Micromesh Biopsy	750/cs	Yellow	
EM0175-6SL	Micromesh Biopsy	750/cs	Blue	
EM0175-7SL	Micromesh Biopsy	750/cs	Peach	
EM0175-8SL	Micromesh Biopsy	750/cs	Tan	
EM0175-9SL	Micromesh Biopsy	750/cs	Gray	
EM0175-10SL	Micromesh Biopsy	750/cs	Lilac	
EM0175-11SL	Micromesh Biopsy	750/cs	Orange	
EM0175-12SL	Micromesh Biopsy	750/cs	Aqua	

### **Slimsette Cassette**



EM0177-2SL	Slimsette	750/cs	White	
EM0177-3SL	Slimsette	750/cs	Pink	
EM0177-4SL	Slimsette	750/cs	Green	
EM0177-5SL	Slimsette	750/cs	Yellow	
EM0177-6SL	Slimsette	750/cs	Blue	
EM0177-7SL	Slimsette	750/cs	Peach	
EM0177-8SL	Slimsette	750/cs	Tan	
EM0177-9SL	Slimsette	750/cs	Gray	
EM0177-10SL	Slimsette	750/cs	Lilac	
EM0177-11SL	Slimsette	750/cs	Orange	
EM0177-12SL	Slimsette	750/cs	Aqua	



#### Sleeved Cassettes



#### **Slimsette Biopsy Cassette**

EM0178-2SL	Slimsette Biopsy	750/cs	White	
EM0178-3SL	Slimsette Biopsy	750/cs	Pink	
EM0178-4SL	Slimsette Biopsy	750/cs	Green	
EM0178-5SL	Slimsette Biopsy	750/cs	Yellow	
EM0178-6SL	Slimsette Biopsy	750/cs	Blue	
EM0178-7SL	Slimsette Biopsy	750/cs	Peach 📙	
EM0178-8SL	Slimsette Biopsy	750/cs	Tan	
EM0178-9SL	Slimsette Biopsy	750/cs	Gray	
EM0178-10SL	Slimsette Biopsy	750/cs	Lilac 📃	
EM0178-11SL	Slimsette Biopsy	750/cs	Orange 📙	
EM0178-12SL	Slimsette Biopsy	750/cs	Agua	



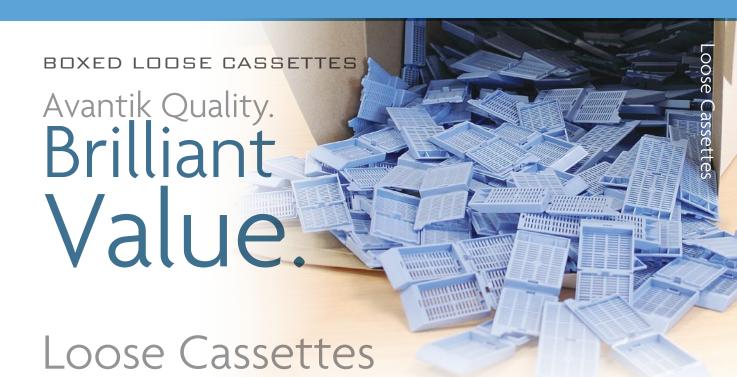
#### **SureFlow Cassette**

EM0289-2SL	SureFlow	750/cs	White	
EM0289-3SL	SureFlow	750/cs	Pink	
EM0289-4SL	SureFlow	750/cs	Green	
EM0289-5SL	SureFlow	750/cs	Yellow	
EM0289-6SL	SureFlow	750/cs	Blue	
EM0289-7SL	SureFlow	750/cs	Peach	
EM0289-8SL	SureFlow	750/cs	Tan	
EM0289-9SL	SureFlow	750/cs	Gray	
EM0289-10SL	SureFlow	750/cs	Lilac	
EM0289-11SL	SureFlow	750/cs	Orange	
EM0289-12SL	SureFlow	750/cs	Aqua	



#### **UltraSlim Cassette**

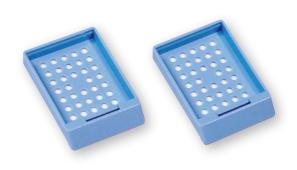
EM0290-2SL	UltraSlim	750/cs	White	
EM0290-3SL	UltraSlim	750/cs	Pink	
EM0290-4SL	UltraSlim	750/cs	Green	
EM0290-5SL	UltraSlim	750/cs	Yellow	
EM0290-6SL	UltraSlim	750/cs	Blue	
EM0290-7SL	UltraSlim	750/cs	Peach	
EM0290-8SL	UltraSlim	750/cs	Tan	
EM0290-9SL	UltraSlim	750/cs	Gray	
EM0290-10SL	UltraSlim	750/cs	Lilac	
EM0290-11SL	UltraSlim	750/cs	Orange	
EM0290-12SL	UltraSlim	750/cs	Aqua	





#### **Dual Purpose Cassette**

Item	Description	Qty	Color
EM0145-AQ	Dual Purpose Cassette	1500/cs	Aqua 📗
EM0145-BL	Dual Purpose Cassette	1500/cs	Blue
EM0145-GN	Dual Purpose Cassette	1500/cs	Green
EM0145-GY	Dual Purpose Cassette	1500/cs	Gray
EM0145-LL	Dual Purpose Cassette	1500/cs	Lilac 🔲
EM0145-PN	Dual Purpose Cassette	1500/cs	Pink 🔲
EM0145-R	Dual Purpose Cassette	1500/cs	Red
EM0145-TN	Dual Purpose Cassette	1500/cs	Tan
EM0145-WH	Dual Purpose Cassette	1500/cs	White
EM0145-Y	Dual Purpose Cassette	1500/cs	Yellow



#### **Processing Cassette w/o Lid**

EM0165-2	Processing Cassettes w/o Lid	1500/cs	White
EM0165-3	Processing Cassettes w/o Lid	1500/cs	Pink 📙
EM0165-4	Processing Cassettes w/o Lid	1500/cs	Green
EM0165-5	Processing Cassettes w/o Lid	1500/cs	Yellow 📙
EM0165-6	Processing Cassettes w/o Lid	1500/cs	Blue
EM0165-7	Processing Cassettes w/o Lid	1500/cs	Peach 📙
EM0165-8	Processing Cassettes w/o Lid	1500/cs	Tan 📙
EM0165-9	Processing Cassettes w/o Lid	1500/cs	Gray
EM0165-10	Processing Cassettes w/o Lid	1500/cs	Lilac 🔲
EM0165-11	Processing Cassettes w/o Lid	1500/cs	Orange 📙
EM0165-12	Processing Cassettes w/o Lid	1500/cs	Aqua 📃





#### **Biopsy Cassette**

Item	Description	Qty	Color	
EM0168-2	Biopsy	1500/cs	White	
EM0168-3	Biopsy	1500/cs	Pink	
EM0168-4	Biopsy	1500/cs	Green	
EM0168-5	Biopsy	1500/cs	Yellow	
EM0168-6	Biopsy	1500/cs	Blue	
EM0168-7	Biopsy	1500/cs	Peach	
EM0168-8	Biopsy	1500/cs	Tan	
EM0168-9	Biopsy	1500/cs	Gray	
EM0168-10	Biopsy	1500/cs	Lilac	
EM0168-11	Biopsy	1500/cs	Orange	
EM0168-12	Biopsy	1500/cs	Aqua	



#### **Routine Cassette**

#### Three-sided writing surface, 35° angle.

			0	0
EM0169-2	Routine	1500/cs	White	
EM0169-3	Routine	1500/cs	Pink	
EM0169-4	Routine	1500/cs	Green	
EM0169-5	Routine	1500/cs	Yellow	
EM0169-6	Routine	1500/cs	Blue	
EM0169-7	Routine	1500/cs	Peach	
EM0169-8	Routine	1500/cs	Tan	
EM0169-9	Routine	1500/cs	Gray	
EM0169-10	Routine	1500/cs	Lilac	
EM0169-11	Routine	1500/cs	Orange	
EM0169-12	Routine	1500/cs	Aqua	
EM0169-14	Routine	1500/cs	Red	
EM0169-15	Routine	1500/cs	Lavendar	
EM0169-19	Routine	1500/cs	Gold	



#### **Swingsette Cassette**

EM0170-2	Swingsette	1000/cs	White	
EM0170-3	Swingsette	1000/cs	Pink	
EM0170-4	Swingsette	1000/cs	Green	
EM0170-5	Swingsette	1000/cs	Yellow	
EM0170-6	Swingsette	1000/cs	Blue	
EM0170-7	Swingsette	1000/cs	Peach	
EM0170-8	Swingsette	1000/cs	Tan	
EM0170-9	Swingsette	1000/cs	Gray	
EM0170-10	Swingsette	1000/cs	Lilac	
EM0170-11	Swingsette	1000/cs	Orange	
EM0170-12	Swingsette	1000/cs	Aqua	



#### **Swingsette Biopsy Cassette**

Item	Description	Qty	Color	
EM0171-2	Swingsette Biopsy	1000/cs	White	
EM0171-3	Swingsette Biopsy	1000/cs	Pink	
EM0171-4	Swingsette Biopsy	1000/cs	Green	
EM0171-5	Swingsette Biopsy	1000/cs	Yellow	
EM0171-6	Swingsette Biopsy	1000/cs	Blue	
EM0171-7	Swingsette Biopsy	1000/cs	Peach	
EM0171-8	Swingsette Biopsy	1000/cs	Tan	
EM0171-9	Swingsette Biopsy	1000/cs	Gray	
EM0171-10	Swingsette Biopsy	1000/cs	Lilac	
EM0171-11	Swingsette Biopsy	1000/cs	Orange	
EM0171-12	Swingsette Biopsy	1000/cs	Aqua	



#### **Swingsette Cassette**

EM0173-2	Swingsette	1500/cs	White	
EM0173-3	Swingsette	1500/cs	Pink	
EM0173-4	Swingsette	1500/cs	Green	
EM0173-5	Swingsette	1500/cs	Yellow	
EM0173-6	Swingsette	1500/cs	Blue	
EM0173-7	Swingsette	1500/cs	Peach	
EM0173-8	Swingsette	1500/cs	Tan	
EM0173-9	Swingsette	1500/cs	Gray	
EM0173-10	Swingsette	1500/cs	Lilac	
EM0173-11	Swingsette	1500/cs	Orange	
EM0173-12	Swingsette	1500/cs	Aqua	



#### **Swingsette Biopsy Cassette**

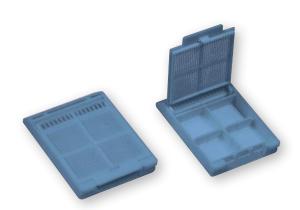
Swillgsette	biopsy cassette			
EM0174-2	Swingsette Biopsy	1500/cs	White	
EM0174-3	Swingsette Biopsy	1500/cs	Pink	
EM0174-4	Swingsette Biopsy	1500/cs	Green	
EM0174-5	Swingsette Biopsy	1500/cs	Yellow	
EM0174-6	Swingsette Biopsy	1500/cs	Blue	
EM0174-7	Swingsette Biopsy	1500/cs	Peach	
EM0174-8	Swingsette Biopsy	1500/cs	Tan	
EM0174-9	Swingsette Biopsy	1500/cs	Gray	
EM0174-10	Swingsette Biopsy	1500/cs	Lilac	
EM0174-11	Swingsette Biopsy	1500/cs	Orange	
EM0174-12	Swingsette Biopsy	1500/cs	Aqua	





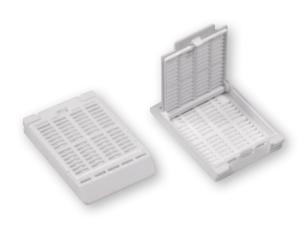
#### **Micromesh Biopsy Cassette**

Item	Description	Qty	Color	
EM0175-2	Micromesh Biopsy	1000/cs	White	
EM0175-3	Micromesh Biopsy	1000/cs	Pink	
EM0175-4	Micromesh Biopsy	1000/cs	Green	
EM0175-5	Micromesh Biopsy	1000/cs	Yellow	
EM0175-6	Micromesh Biopsy	1000/cs	Blue	
EM0175-7	Micromesh Biopsy	1000/cs	Peach	
EM0175-8	Micromesh Biopsy	1000/cs	Tan	
EM0175-9	Micromesh Biopsy	1000/cs	Gray	
EM0175-10	Micromesh Biopsy	1000/cs	Lilac	
EM0175-11	Micromesh Biopsy	1000/cs	Orange	
EM0175-12	Micromesh Biopsy	1000/cs	Agua	



#### Micromesh (MC) Biopsy Cassette

EM0176-2	Micromesh (MC) Biopsy	1000/cs	White	
EM0176-3	Micromesh (MC) Biopsy	1000/cs	Pink	
EM0176-4	Micromesh (MC) Biopsy	1000/cs	Green	
EM0176-5	Micromesh (MC) Biopsy	1000/cs	Yellow	
EM0176-6	Micromesh (MC) Biopsy	1000/cs	Blue	
EM0176-7	Micromesh (MC) Biopsy	1000/cs	Peach	
EM0176-8	Micromesh (MC) Biopsy	1000/cs	Tan	
EM0176-9	Micromesh (MC) Biopsy	1000/cs	Gray	
EM0176-10	Micromesh (MC) Biopsy	1000/cs	Lilac	
EM0176-11	Micromesh (MC) Biopsy	1000/cs	Orange	
EM0176-12	Micromesh (MC) Biopsy	1000/cs	Aqua	



#### Slimsette Cassette

EM0177-2	Slimsette	1500/cs	White	
EM0177-3	Slimsette	1500/cs	Pink	
EM0177-4	Slimsette	1500/cs	Green	
EM0177-5	Slimsette	1500/cs	Yellow	
EM0177-6	Slimsette	1500/cs	Blue	
EM0177-7	Slimsette	1500/cs	Peach	
EM0177-8	Slimsette	1500/cs	Tan	
EM0177-9	Slimsette	1500/cs	Gray	
EM0177-10	Slimsette	1500/cs	Lilac	
EM0177-11	Slimsette	1500/cs	Orange	
EM0177-12	Slimsette	1500/cs	Aqua	



#### **Slimsette Biopsy Cassette**

Item	Description	Qty	Color	
EM0178-2	Slimsette Biopsy	1500/cs	White	
EM0178-3	Slimsette Biopsy	1500/cs	Pink	
EM0178-4	Slimsette Biopsy	1500/cs	Green	
EM0178-5	Slimsette Biopsy	1500/cs	Yellow	
EM0178-6	Slimsette Biopsy	1500/cs	Blue	
EM0178-7	Slimsette Biopsy	1500/cs	Peach	
EM0178-8	Slimsette Biopsy	1500/cs	Tan	
EM0178-9	Slimsette Biopsy	1500/cs	Gray	
EM0178-10	Slimsette Biopsy	1500/cs	Lilac	
EM0178-11	Slimsette Biopsy	1500/cs	Orange	
EM0178-12	Slimsette Biopsy	1500/cs	Agua	



#### **Slimsette Cassette**

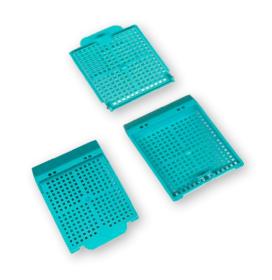
	4556116			
EM0179-2	Slimsette (MC)	1500/cs	White	
EM0179-3	Slimsette (MC)	1500/cs	Pink	
EM0179-4	Slimsette (MC)	1500/cs	Green	
EM0179-5	Slimsette (MC)	1500/cs	Yellow	
EM0179-6	Slimsette (MC)	1500/cs	Blue	
EM0179-7	Slimsette (MC)	1500/cs	Peach	
EM0179-8	Slimsette (MC)	1500/cs	Tan	
EM0179-9	Slimsette (MC)	1500/cs	Gray	
EM0179-10	Slimsette (MC)	1500/cs	Lilac	
EM0179-11	Slimsette (MC)	1500/cs	Orange	
EM0179-12	Slimsette (MC)	1500/cs	Aqua	



#### **Histosette II Cassette**

EM0181-2	Histosette II	1000/cs	White	
EM0181-3	Histosette II	1000/cs	Pink	
EM0181-4	Histosette II	1000/cs	Green	
EM0181-5	Histosette II	1000/cs	Yellow	
EM0181-6	Histosette II	1000/cs	Blue	
EM0181-7	Histosette II	1000/cs	Peach	
EM0181-8	Histosette II	1000/cs	Tan	
EM0181-9	Histosette II	1000/cs	Gray	
EM0181-10	Histosette II	1000/cs	Lilac	
EM0181-11	Histosette II	1000/cs	Orange	
EM0181-12	Histosette II	1000/cs	Aqua	





#### Histosette II Biopsy Cassette - (Detached Lid)

Item	Description	Qty	Color	
EM0182-2	Histosette II Biopsy	1000/cs	White	
EM0182-3	Histosette II Biopsy	1000/cs	Pink	
EM0182-4	Histosette II Biopsy	1000/cs	Green	
EM0182-5	Histosette II Biopsy	1000/cs	Yellow	
EM0182-6	Histosette II Biopsy	1000/cs	Blue	
EM0182-7	Histosette II Biopsy	1000/cs	Peach	
EM0182-8	Histosette II Biopsy	1000/cs	Tan	
EM0182-9	Histosette II Biopsy	1000/cs	Gray	
EM0182-10	Histosette II Biopsy	1000/cs	Lilac	
EM0182-11	Histosette II Biopsy	1000/cs	Orange	
EM0182-12	Histosette II Biopsy	1000/cs	Aqua	



#### **Histosette II Cassette**

EM0183-2	Histosette II	1500/cs	White	
EM0183-3	Histosette II	1500/cs	Pink	
EM0183-4	Histosette II	1500/cs	Green	
EM0183-5	Histosette II	1500/cs	Yellow	
EM0183-6	Histosette II	1500/cs	Blue	
EM0183-7	Histosette II	1500/cs	Peach	
EM0183-8	Histosette II	1500/cs	Tan	
EM0183-9	Histosette II	1500/cs	Gray	
EM0183-10	Histosette II	1500/cs	Lilac	
EM0183-11	Histosette II	1500/cs	Orange	
EM0183-12	Histosette II	1500/cs	Aqua	



#### **Histosette II Biopsy Cassette - (Attached Lid)**

EM0184-2	Histosette II Biopsy	1500/cs	White	
EM0184-3	Histosette II Biopsy	1500/cs	Pink	
EM0184-4	Histosette II Biopsy	1500/cs	Green	
EM0184-5	Histosette II Biopsy	1500/cs	Yellow	
EM0184-6	Histosette II Biopsy	1500/cs	Blue	
EM0184-7	Histosette II Biopsy	1500/cs	Peach	
EM0184-8	Histosette II Biopsy	1500/cs	Tan	
EM0184-9	Histosette II Biopsy	1500/cs	Gray	
EM0184-10	Histosette II Biopsy	1500/cs	Lilac	
EM0184-11	Histosette II Biopsy	1500/cs	Orange	
EM0184-12	Histosette II Biopsy	1500/cs	Aqua	



#### **Microsette I Biopsy Cassette**

Item	Description	Qty	Color
EM0186-2	Microsette I Biopsy WH	1000/cs	White
EM0186-3	Microsette I Biopsy PN	1000/cs	Pink 📙
EM0186-4	Microsette I Biopsy GN	1000/cs	Green
EM0186-5	Microsette I Biopsy YL	1000/cs	Yellow 📙
EM0186-6	Microsette I Biopsy BLU	1000/cs	Blue
EM0186-7	Microsette I Biopsy PE	1000/cs	Peach 📙
EM0186-8	Microsette I Biopsy TN	1000/cs	Tan 📙
EM0186-9	Microsette I Biopsy GY	1000/cs	Gray
EM0186-10	Microsette I Biopsy LL	1000/cs	Lilac
EM0186-11	Microsette I Biopsy OR	1000/cs	Orange 📙
EM0186-12	Microsette I Biopsy AQ	1000/cs	Agua



#### Microsette I (MC) Biopsy Cassette

EM0187-2	Microsette I (MC) Biopsy	1000/cs	White
EM0187-3	Microsette I (MC) Biopsy	1000/cs	Pink
EM0187-4	Microsette I (MC) Biopsy	1000/cs	Green
EM0187-5	Microsette I (MC) Biopsy	1000/cs	Yellow 📙
EM0187-6	Microsette I (MC) Biopsy	1000/cs	Blue 🔲
EM0187-7	Microsette I (MC) Biopsy	1000/cs	Peach 📙
EM0187-8	Microsette I (MC) Biopsy	1000/cs	Tan
EM0187-9	Microsette I (MC) Biopsy	1000/cs	Gray
EM0187-10	Microsette I (MC) Biopsy	1000/cs	Lilac
EM0187-11	Microsette I (MC) Biopsy	1000/cs	Orange 📙
EM0187-12	Microsette I (MC) Biopsy	1000/cs	Aqua 📃



#### **SureFlow Loose Cassettes**

Juici to II Lo	ose easserres		
EM0288-2	SureFlow	1500/cs	White
EM0288-3	SureFlow	1500/cs	Pink 📙
EM0288-4	SureFlow	1500/cs	Green
EM0288-5	SureFlow	1500/cs	Yellow
EM0288-6	SureFlow	1500/cs	Blue 📙
EM0288-7	SureFlow	1500/cs	Peach 📙
EM0288-8	SureFlow	1500/cs	Tan 📙
EM0288-9	SureFlow	1500/cs	Gray
EM0288-10	SureFlow	1500/cs	Lilac 📃
EM0288-11	SureFlow	1500/cs	Orange 📙
EM0288-12	SureFlow	1500/cs	Aqua



#### **Specimen Tampers**

Tissue embedding tampers used to flatten tissue samples in embedding molds during the embedding process. Comes with heat resistant handle and available in multiple sizes.

Item	Description	Size	Qty
EM0285-A	UltraPress Tamper w/handle - Square	1/2 x 1/2 in	Pack/2
EM0285-B	UltraPress Tamper w/handle - Round	1/2 in Diameter	Pack/2
EM0285-C	UltraPress Tamper w/handle - Medium	3/4 x 5/8 in	Pack/2
EM0285-D	UltraPress Tamper w/handle - Lg Sq.	3/4 x 1 1/8 in	Pack/2





#### Supa Mega Cassette

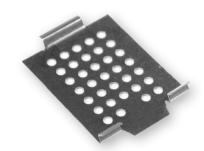
Ideal for prostrate, brain, breast tissue and eyes. Measures 64mm x 48mm x 13mm: Outside 75mm x 52mm x 18mm.

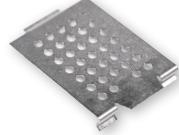
Item	Color	Qty
EM0297-WH	White	Pack/100
EM0297-BL	Blue	Pack/100

#### **Metal Lids for Cassettes**

Re-usable metal lids for Cassette base EM0165.

Item	Fits	Qty
EM0254	Cassette Base - EM0165	Box/25





#### Disposable Deep Base Molds

Item	Fits	Qty
EM0188-10	37 x 24 x 10Mm, 5Ml	Case/500





#### **Cryo-Embedding Molds - Round**

Round disposable plastic molds create a uniformly shaped, flatsurface specimen block when used with any embedding matrix.

Item	Sizes	Qty
EM0132-A	Biopsy/15 n	nm Bag/100
EM0132-B	25 mm	Bag/100
EM0132-C	30 mm	Bag/100
EM0132-D	35 mm	Bag/100

#### Disposable Plastic Base Molds for Tissue Cassettes

For paraffin embedding. Easy to use and inexpensive enough to be discarded after use. Strong enough to be reused.

Item	Size	Qty
EM0131	Call for Availability	Box/125



#### Tissue-Tek Cryo Mold - Square

Disposable plastic Cryo Molds create a uniformly square-shaped, flat-surface specimen block when used with any embedding matrix.

Item	Sizes	Qty
EM0128-A	Biopsy 10 X 10 X 5	Box/100
EM0128-B	Intermediate 15 X 15 X 5	Box/100
EM0128-C	Standard 25 X 20 X 5	Box/100
EM0128-D	Standard	Box/100



#### Stainless Steel Base Molds

Re-usable stainless steel base molds. Rounded corners allow for easy removal from block.

Item	Size	Qty
EM0277-A	7 X 7 X 5	Box/12
EM0277-B	15 X 15 X 5	Box/12
EM0277-C	24 X 24 X 5	Box/12
EM0277-D	30 X 24 X 5	Box/12
EM0277-E	37 X 24 X 5	Box/12





# CASSETTE & SLIDE STORAGE





# CASSETTE & SLIDE STORAGE



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**PAVANTIK** 

\*AVANTIK

\*AVANTIK

**AVANTIK** 



Are you frustrated by common block storage cabinet issues that put a stop to your workflow?

Do your cassettes jam when the drawers are opened?

Does your bottom drawer stick when multiple units are stacked?

Are your cabinets hard to move when they are full?

#### Avantik's No-Jam, Hassle-Free Block Storage Cabinet Is the Perfect Solution

The Avantik Block Storage Cabinet is the industry's first jam-free, hassle-free block storage cabinet. Built with proprietary designed drawer technology and interlocking cabinet stack-ability, the thoughtful design provides more clearance between the tops of the blocks and the drawers to allow you to open and close them seamlessly. What's more, the cabinet has a capacity of up to 1,500 cassettes. The optional cabinet base and locking casters are the perfect compliment. The base is designed to hold the cabinet using reciprocal grooves to secure the cabinet within the base - keeping your blocks off the floor. The locking castor wheels allow for easy mobility of the entire cabinet stack.

Item	Description	Size	Qty
ST7059	Block Cabinet, holds up to 1,500 blocks	9.5"w x 16.5"h x 17.25"d	Each
ST7065	Block Cabinet Base	9.5"w x 2"h x 17.25"d	Each
ST7080	Block Cabinet Locking Casters	2" Caster - 3/8" Threaded Stem	Pack/4
ST7087	Block Cabinet Shipping Panels	8.375" W x 15.5"H	Pack/6



AVANTIK STORAGE

#### Convenient & Durable

#### Avantik Cardboard Tissue Block Storage File

Lightweight cassette block storage system consists of one box with eight drawers and can hold up to 500 tissue blocks. Locking tabs to enable secure stacking. Made of poly-coated corrugated cardboard to resist moisture. Drawers come with dividers. Cardboard file surround ST7019 holds 5 storage files for easy storage and increased durability.

Item	Description	Qty
ST7013-CS	Cardboard Cassette Storage Box,	Pack/10
	Unassembled - 11 3/4" x 11 3/4" x 4"	
ST7013	Cardboard Cassette Storage Box,	Each
	Ships Assembled	
ST7019	Cardboard Cassette Storage Surround	Each
	23" H x 12" W x 12"D	
	Holds 5 Cardboard File Storage Boxes	
ST7013-K	Cardboard File Storage Kit	Each
	5 Complete ST7013 Files	



#### Plastic Microscope Slide Storage Box

Capacity of (100) slides. Perfect storage solution for standard-size slides—easily identify each slide by simply matching the individually numbered slot with the corresponding number on the inventory sheet affixed to the inside cover. Stackable.

Item	Color	Size	Qty
ST7041	Gray	8.75" L x 6.75" W x 11.75" H	Each
ST7063-V	VH White	8.75" L x 6.75" W x 11.75" H	Each
ST7063-E	BL Blue	8.75" L x 6.75" W x 11.75" H	Each
ST7063-0	GN Green	8.75" L x 6.75" W x 11.75" H	Each



#### Plastic Microscope Slide Storage Box

Perfect storage solution for standard-size slides—easily identify each slide by simply matching the individually numbered slot with the corresponding number on the inventory sheet affixed to the inside cover. Stackable.

Item	Color	Capacity	Size	Qty
ST7047	White	25 Slides	8.75" L x 6.75" W x 11.75" H	Each
ST7047-B	L Blue	25 Slides	8.75" L x 6.75" W x 11.75" H	Each
ST7047-R	Red	25 Slides	8.75" L x 6.75" W x 11.75" H	Each



#### **Avantik Metal Slide Storage Cabinet - Stackable**

Stackable laboratory storage cabinets for microscope slides. Powder coated metal cabinets designed to be stackable. Base, lid and cabinet can be purchased separately. All units designed to stack together.

Item	Description	Qty	Capacity
ST7067	14 Drawer Slide Storage Cabinet 485mm x 480mm x 126mm (19in x 18.9in x 5in)	Each	5600 Slides
ST7071	14 Drawer Cassette Storage Cabinet 485mm x 480mm x 91mm (19in x 18.9 x 3.6in)	Each	900 Blocks
ST7069	Base Unit - 485mm x 480mm x 76mm (19in x 18.9in x 3in)	Each	n/a
ST7068	Top Cover - 485mm x 480mm x 26mm (19in x 18.9in x 1in)	Each	n/a
ST7072	Spring Divider	Each	n/a
ST7073	Magnetic Slide/Cassette Stop	Pk/5	n/a





#### **Avantik Metal Slide Storage Cabinet & Base**

(6) easy-slide drawers, capacity 4,500 standard slides. Stack with Paragon and Fisher cabinets.

ltem	Color	Qty
ST7078	White Cabinet	Each
ST7079	White Base	Each

#### Metal Slide Storage Cabinet and Base

Six drawer cabinet holds up to 5000 standard 3" x 1" microscope slides. Drawers slide smoothly and quietly. Plastic drawer dividers can be removed to store objects up to 2" wide. Interlocking, stackable to 10 cabinets high. Includes sponge blocks spacers and identification labels. Base Model ST7077 has rubber feet to prevent scratching and slipping. 2 year warranty. Stackable with the Boekel Cabinet.

Item	Color	Qty
ST7076	Cabinet White	Each
ST7077	Base White	Each





#### Foam Rubber Spacer Kit

These Foam rubber dividers keep the microscope slides upright when the drawers are only partially filled. Kit also includes (12) paper ID labels.

Item	Qty
ST7081	Pack/12 for ST7076 Cabinet
ST7084	Pack/12 for ST7078 Cabinet

#### Slide & Cassette Dividers

Thick, cardboard dividers with a markable and writable surface. Use as slide and/or cassette index marker.

Item	Color	Qty
ST7070-A	Slide Dividers	Box/900
ST7070-B	Cassette Dividers	Box/1000





#### **Cardboard Microscope Slide Folder**

Durable, reinforced, cardboard construction. Convenient transportation and storage of microscope slides.

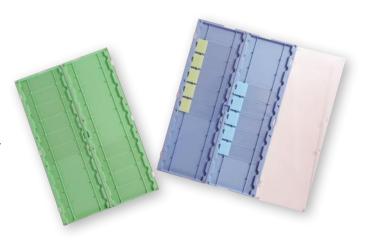
Item	Description	Qty	Capacity	Case
ST7020-BK	Black	Each	20 Slides	Case/72
ST7020-BL	Blue	Each	20 Slides	Case/72
ST7020-R	Red	Each	20 Slides	Case/72
ST7023	For Large Slides	Each	12 Slides	n/a

#### Plastic Microscope Slide Folder

Hold up to 20 standard 75 x 25mm (3" x 1") microscope slides with these high-impact polystyrene slide folders. The base of each folder holds the slides horizontally in numbered spaces for easy identification. Stackable for space-saving storage. Choose from five different base colors for slide color-coding classification.

Item	Color	Qty
ST7026-WH	White	Each
ST7026-BL	Blue 📗	Each
ST7026-GR	Green	Each
ST7026-GY	Gray 📗	Each
ST7026-YL	Yellow 📙	Each





#### Plastic 5 Slide Mailer - Top Open or Side Open

Clear polypropylene mailer holds five 3 x 1 in. or 75 x 25mm microscope slides. Slotted channels inside. Snap top or side closure.

Item	Closure	Size	Qty
ST7040	Тор	43 x 24 x 88 mm	Box/25
ST7042	Side	81 x 19 x 31 mm	Box/25



### SECTIONING





SECTIONING





**Avantik Aura** microtome blades are ideal for routine serial sectioning and precise cuts when durability and consistency are important. Positive customer reviews on the Aura microtome blades include blade longevity, ease of starting and maintaining ribbons, low compression, section consistency from one cut to the next, consistency of cutting from blade to blade, and ease of dispenser operation. **The Avantik Aura microtome blades are manufactured in the USA**, and they offer impressive durability that your technicians can count on to yield high-quality results.



#### Resilience™ Aura Microtome Blades

Item	Description	Qty	Case Qty
SE3144	High Profile	Pack/50 blades	10 packs
SE3145	Low Profile	Pack/50 blades	10 packs

#### **Avantik Resilience2™ Microtome Blades**

Known for their excellent durability, these blades are ideal for cutting perfect sections on both paraffin and frozen sections..

Item	Description	Qty	Case Qty
SE3135	High Profile	Pack/50 blades	10 packs
SE3136	Low Profile	Pack/50 blades	10 packs





#### Avantik Resilience™ Microtome Blades

A very versatile microtome blade with excellent durability. Precise sectioning with a variety of tissue types.

Item	Description	Qty	Case Qty
SE3104	High Profile	Pack/50 blades	10 packs
SE3105	Low Profile	Pack/50 blades	10 packs

#### Glacial Resilience™ Blades

Avantik Glacial cryostat blades offer consistent and precise cuts that are optimized for frozen sectioning.

Item	Description	Qty	Case Qty
SE3148	High Profile	Pack/50 blades	10 packs
SE3147	Low Profile	Pack/50 blades	10 packs







#### Thermo MX35 Premier+ Microtome Blades

Premier Plus blades provides durability and sharpness for lower blade friction.

Item	Description	Qty	Case Qty
SE3073	Low Profile Microtome Blades	Pack/50 blades	10 Packs

#### Thermo Ultra Microtome Blades

The Thermo Ultra Microtome Blades use a proprietary steel hardening technology (Pink Technology).

Item	Description	Qty	Case Qty
SE3078	MX35 Ultra Low Profile Microtome Blades	Pack/50 blades	10 Packs
SF3075	HP35 Ultra High Profile Microtome Blades	Pack/50 blades	10 Packs



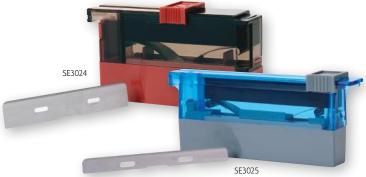


#### Thermo HP35 Coated **High Profile Microtome Blades**

Thermo Scientific HP35 Coated Disposable Microtome Blades are ideal for routine applications with a high proportion of harder tissue. The Thermo Scientific HP35 Ultra Microtome Blades use a proprietary steel hardening technology.

ltem	Description	Qty	Case Qty
SE3076	HP35 Coated	Pack/50 blades	10 packs
		· · · · · · · · · · · · · · · · · · ·	





#### TissueTek Accu-Edge® Microtome Blades

Accu-Edge® Disposable Microtome Blades are designed for both high- and low-profile blade holders.

Item	Description	Qty	Case Qty
SE3024	High Profile	Pack/50 blades	10 packs
SE3025	Low Profile	Pack/50 blades	10 packs



#### C.L. Sturkey Silver Microtome Blades

Silver disposable microtome blades are coated with a nitride and copolymer finish. Ideal for general paraffin and cryostat use.

Item	Description	Qty
SE3017	CLSE Silver High Profile	Pack/50 blades
SE3018	CLSE Silver Low Profile	Pack/50 blades





#### C.L. Sturkey Extremus Microtome Blades

EXTREMUS™ disposable microtome blades are uniquely coated to suit the widest variety of cutting conditions.

Item	Description	Qty
SE3026	CLSE Extremus High Profile	120 blade dispenser
SE3027	CLSE Extremus High Profile	Pack/50 blades
SE3028	CLSE Extremus Low Profile	200 blade dispenser
SE3029	CLSE Extremus Low Profile	Pack/50 blades

#### **Sectioning & Debris Brushes**

A complete collection of anti-roll brushes for sectioning and debris removal.

Item	Description	Qty
SE3114	Angled Sectioning Brush	Each
SE3077	Straight Sectioning Brush	Each
SE3063	Debris Brush	Each





#### **Avantik Microtome Debris Brush**

Soft camel hair brush. Excellent for removing section waste from blade-holders in both cryostats and paraffin microtomes. Brush with magnet is uniquely designed to assist with safe blade removal.

ltem	Description	Qty
SE3111	without magnet	Each
SE3110	with magnet	Each

#### **Camel Hair Anti-Roll Brushes**

Camel hair brush on a short, painted wooden handle. Hair is firmly secured in the highly polished, seamless ferrule and will not shed like other inexpensive camel hair brushes. For use in cryotomy to prevent rolling of sections and assist with section retrieval and transfer to microscope slide.

Item	Description	Qty
SE3055	Camel Hair Anti-Roll Brush #7	Each
SE3057	Camel Hair Anti-Roll Brush #5	Each
SE3054	Camel Hair Anti-Roll Brush #4	Each
SE3053	Camel Hair Anti-Roll Brush #3	Each





#### 970B Low Temperature Cryostat Microtome Oil

Premium low-temperature cryo-microtome lubrication oil. Compatible with all brands.

Item	Description	Qty
SE3082	8 oz. bottle	Each



AVANTIK ANTI-ROLL GLASS

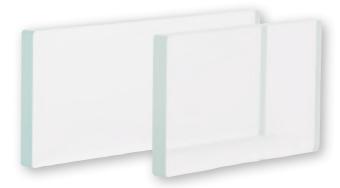
## Ready? Set? No Roll!

#### Replacement Glass Anti-Roll Plate for Avantik QS11 & QS12 Cryostats

Replacement glass for anti-roll plate assembly on the Avantik QS11 and QS12 series cryostat. This glass has two usable sides.

Item	Description	Qty
SE3087	2-sided	Each





#### Leica Replacement Glass Anti-Roll Plate - 70mm

Replacement glass for anti-roll plate assembly (swings to left) on Leica CE model cryostat bladeholder. This glass has four usable sides. 70mm width.

Item	Description	Qty
SE3086	Left-hand swing 4-sided, 70mm	Each Each





Our Inventory is constantly changing...

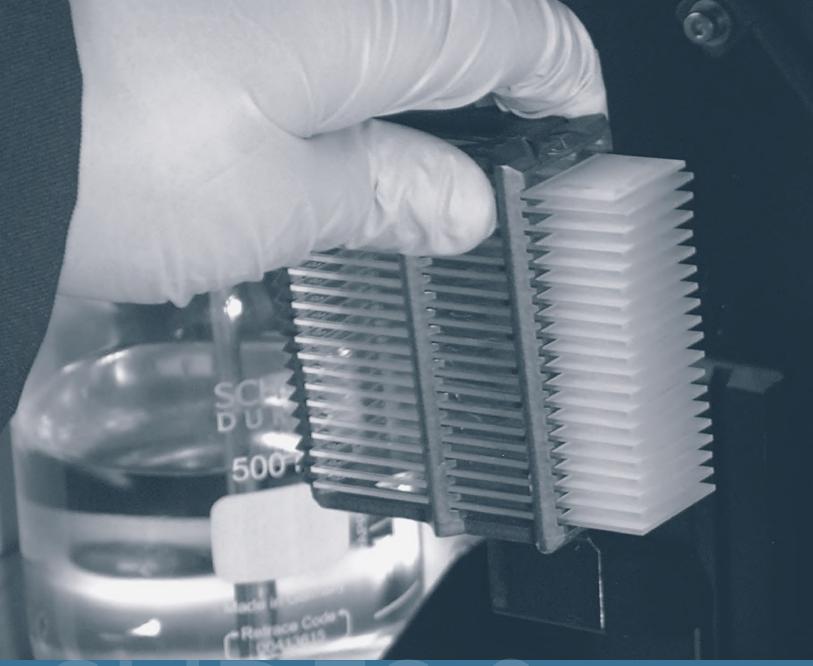
#### Call Avantik Today

to speak to your local Avantik representative. 800-783-9424

# SLIDES & COVERSLIPS

MICROSCOPE SLIDES 91-98
MICROSCOPE SLIDE LABELS 97
COVER GLASS & FILM 99-100
MOUNTING MEDIUM 100





# SLIDES & COVERSLIPS



Are you experiencing any of these common slide issues that may be adversely impacting your workflow?

### Why Struggle

#### with the Wrong Slides?

Is your tissue falling off?
Are you experiencing poor print quality?
Do you have unreadable barcodes?

Are your re-cuts increasing?





#### Sure**Bond**

CHARGED MICROSCOPE SLIDES

SureBond - 90° Standard Corners - Item# SL6332 SureBond - 45° Clipped Corners - Item# SL6335

#### Sure**Slide**™

GLASS MICROSCOPE SLIDES

Sure**Slide - 90° Standard Corners - Item# SL6333** Sure**Slide - 45° Clipped Corners - Item# SL6336** 

#### SureBond<sup>™</sup> and SureSlide<sup>™</sup> slides provide you with consistent and reliable results.

- Compatible with all major manufacturer automated printers; resulting in superior print quality
- Both are available in standard and clipped corners with more than 10 colors to choose from
- High quality charge ensures excellent adhesion to eliminate tissue loss
- Optimized to ensure consistent barcode scanning
- 100% quality guarantee

#### Avantik SureBond - 75 x 25mm Charged Microscope Slides - 90° Standard Corner

Optimized for Thermal Transfer Slide Printers

Item	Color	Qty	Case Qty
SL6332-1	White	Pack/72 Slides	20 packs
SL6332-2	Blue	Pack/72 Slides	20 packs
SL6332-3	Green	Pack/72 Slides	20 packs
SL6332-4	Pink	Pack/72 Slides	20 packs
SL6332-5	Yellow	Pack/72 Slides	20 packs
SL6332-6	Orange	Pack/72 Slides	20 packs
SL6332-7	Lilac	Pack/72 Slides	20 packs
SL6332-8	Tan	Pack/72 Slides	20 packs
SL6332-9	Aqua	Pack/72 Slides	20 packs
SL6332-10	Peach	Pack/72 Slides	20 packs
SL6332-11	Gold	Pack/72 Slides	20 packs



#### Avantik SureBond - 75 x 25mm Charged Microscope Slides - 45° Clipped Corner



Optimized for Thermal Transfer Slide Printers

Item	Color	Qty	Case Qty
SL6335-1	White	Pack/72 Slides	20 packs
SL6335-2	Blue	Pack/72 Slides	20 packs
SL6335-3	Green	Pack/72 Slides	20 packs
SL6335-4	Pink	Pack/72 Slides	20 packs
SL6335-5	Yellow	Pack/72 Slides	20 packs
SL6335-6	Orange	Pack/72 Slides	20 packs
SL6335-7	Lilac	Pack/72 Slides	20 packs
SL6335-8	Tan	Pack/72 Slides	20 packs
SL6335-9	Aqua	Pack/72 Slides	20 packs
SL6335-10	Peach	Pack/72 Slides	20 packs

#### Avantik SureSlide - 75 x 25mm Standard Microscope Slides - 90° Standard Corner

Optimized for Thermal Transfer Slide Printers

Item	Color	Qty	Case Qty
SL6333-1	White	Pack/72 Slides	20 packs
SL6333-2	Blue	Pack/72 Slides	20 packs
SL6333-3	Green	Pack/72 Slides	20 packs
SL6333-4	Pink	Pack/72 Slides	20 packs
SL6333-5	Yellow	Pack/72 Slides	20 packs
SL6333-6	Orange	Pack/72 Slides	20 packs
SL6333-7	Lilac	Pack/72 Slides	20 packs
SL6333-8	Tan	Pack/72 Slides	20 packs
SL6333-9	Aqua	Pack/72 Slides	20 packs
SL6333-10	Peach	Pack/72 Slides	20 packs
SL6333-11	Gold	Pack/72 Slides	20 packs





#### Avantik SureSlide - 75 x 25mm Standard Microscope Slides - 45° Clipped Corner

Optimized for Thermal Transfer Slide Printers

Item	Color	Qty	Case Qty
SL6336-1	White	Pack/72 Slides	20 packs
SL6336-2	Blue	Pack/72 Slides	20 packs
SL6336-3	Green	Pack/72 Slides	20 packs
SL6336-4	Pink	Pack/72 Slides	20 packs
SL6336-5	Yellow	Pack/72 Slides	20 packs
SL6336-6	Orange	Pack/72 Slides	20 packs
SL6336-7	Lilac	Pack/72 Slides	20 packs
SL6336-8	Tan	Pack/72 Slides	20 packs
SL6336-9	Aqua	Pack/72 Slides	20 packs
SL6336-10	Peach	Pack/72 Slides	20 packs



#### Avantik SureBond 2IP Paint Charged Microscope Slides – 90° Standard Corner Size: 75 x 25mm

Optimized for Inkjet Slide Printers



Item	Color	Qty	Case Qty
SL6349-1	White	Pack/72 Slides	20 packs
SL6349-2	Blue	Pack/72 Slides	20 packs
SL6349-3	Green	Pack/72 Slides	20 packs
SL6349-4	Pink	Pack/72 Slides	20 packs
SL6349-5	Yellow	Pack/72 Slides	20 packs
SL6349-7	Lilac	Pack/72 Slides	20 packs
		Additional colors available	able upon request.

#### Avantik SureSlide 2IP Paint Microscope Slides – 45° Clipped Corner Size: 75 x 25mm

Optimized for Inkjet Slide Printers

Item	Color	Qty	Case Qty
SL6350-1	White	Pack/72 Slides	20 packs
SL6350-2	Blue	Pack/72 Slides	20 packs
SL6350-3	Green	Pack/72 Slides	20 packs
SL6350-4	Pink	Pack/72 Slides	20 packs
SL6350-5	Yellow	Pack/72 Slides	20 packs
SL6350-7	Lilac	Pack/72 Slides	20 packs



#### Avantik SureBond Charged IP Paint Microscope Slides - 45° Clipped Corner Size: 75 x 25mm

Optimized for Inkjet Slide Printers

Item	Color	Qty	Case Qty
SL6353-1	White	Pack/72 Slides	20 packs
SL6353-2	Blue 📙	Pack/72 Slides	20 packs
SL6353-3	Green 📗	Pack/72 Slides	20 packs
SL6353-4	Pink 📙	Pack/72 Slides	20 packs
SL6353-5	Yellow 📙	Pack/72 Slides	20 packs
SL6353-6	Orange 📙	Pack/72 Slides	20 packs
SL6353-7	Lilac 🔲	Pack/72 Slides	20 packs
SL6353-8	Tan 📗	Pack/72 Slides	20 packs
SL6353-9	Aqua 📗	Pack/72 Slides	20 packs
SL6353-10	Peach 📙	Pack/72 Slides	20 packs



#### Avantik SureSlide IP Paint Microscope Slides – 45° Standard Clipped

Size: 75 x 25mm

Optimized for Inkjet Slide Printers

Item	Color	Qty	Case Qty
SL6351-1	White	Pack/72 Slides	20 packs
SL6351-2	Blue	Pack/72 Slides	20 packs
SL6351-3	Green	Pack/72 Slides	20 packs
SL6351-4	Pink	Pack/72 Slides	20 packs
SL6351-5	Yellow	Pack/72 Slides	20 packs
SL6351-7	Lilac	Pack/72 Slides	20 packs
SL6351-8	Tan	Pack/72 Slides	20 packs
SL6351-9	Aqua	Pack/72 Slides	20 packs





#### Avantik UltraBond Charged Microscope Slides – 90° Corner

Size: 75 x 25mm

UltraBond slides are specially treated to electrostatically adhere tissue sections and cells to the glass without need for special adhesives. This eliminates tissue loss during staining. Both UltraBond and UltraFrost slides have a colored, opaque, chemical-resistant marking surface. The frosted coating is impervious to most common laboratory chemicals and reagents. Multiple colors available for easy identification throughout specimen preparation.

Item	Color	Qty	Case Qty
SL6023-1	White	Pack/72 Slides	20 packs
SL6023-2	Blue	Pack/72 Slides	20 packs
SL6023-3	Green	Pack/72 Slides	20 packs
SL6023-4	Pink	Pack/72 Slides	20 packs
SL6023-5	Yellow	Pack/72 Slides	20 packs
SL6023-6	Orange	Pack/72 Slides	20 packs
SL6023-7	Lilac	Pack/72 Slides	20 packs
SL6023-8	Tan	Pack/72 Slides	20 packs
SL6023-9	Aqua	Pack/72 Slides	20 packs
SL6023-10	Gold	Pack/72 Slides	20 packs



#### Avantik UltraBond Charged Microscope Slides – 45° Clipped Corner

Size: 75 x 25mm

Designed for use in automated slide labelers and printers. Precleaned 45° clipped corner slides offer exceptional resistance to sticking, proven to minimize jamming for enhanced throughput. Available in both standard UltraFrost and UltraBond adhesive. Colored, opaque, chemical-resistant marking surface.

Item	Color	Qty	Case Qty
SL6031-1	White	Pack/72 Slides	20 packs
SL6031-2	Blue	Pack/72 Slides	20 packs
SL6031-3	Green	Pack/72 Slides	20 packs
SL6031-4	Pink	Pack/72 Slides	20 packs
SL6031-5	Yellow	Pack/72 Slides	20 packs



#### Avantik UltraFrost Standard Microscope Slides -90° Corner

Size: 75 x 25mm

Item	Color	Qty	Case Qty
SL6022-1	White	Pack/72 Slides	20 packs
SL6022-2	Blue 📗	Pack/72 Slides	20 packs
SL6022-3	Green 🔲	Pack/72 Slides	20 packs
SL6022-4	Pink 📙	Pack/72 Slides	20 packs
SL6022-5	Yellow 📙	Pack/72 Slides	20 packs
SL6022-6	Orange 📗	Pack/72 Slides	20 packs
SL6022-7	Lilac 📗	Pack/72 Slides	20 packs
SL6022-8	Tan 📗	Pack/72 Slides	20 packs
SL6022-9	Aqua 📗	Pack/72 Slides	20 packs
SL6022-10	Gold 📙	Pack/72 Slides	20 packs



#### Avantik UltraFrost Standard Microscope Slides – 45° Clipped Corner

Size: 75 x 25mm

Item	Color	Qty	Case Qty
SL6030-1	White 📗	Pack/72 Slides	20 packs
SL6030-2	Blue 📙	Pack/72 Slides	20 packs
SL6030-3	Green	Pack/72 Slides	20 packs
SL6030-4	Pink	Pack/72 Slides	20 packs
SL6030-5	Yellow 📙	Pack/72 Slides	20 packs





#### Superfrost Plus Microscope Slides by Avantik

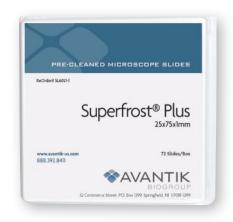
#### Size: 75 x 25 mm

Avantik Superfrost Plus microscope slides.

Item	Color	Qty	Case Qty
SL6021-1	White	Pack/72 Slides	20/packs
SL6021-2	Blue	Pack/72 Slides	20/packs
SL6021-3	Green	Pack/72 Slides	20/packs
SL6021-4	Pink	Pack/72 Slides	20/packs
SL6021-5	Yellow	Pack/72 Slides	20/packs

Additional colors available upon request.





#### Cytoslide

Improve processing and visualization of small-volume specimens with these cytoslides.

Item	Color	Case Qty
SL6113	Double Circle, Coated	100/pk
SL6114	Single Circle, Coated	100/pk

#### **Labels and Ribbons**

ltem	Description	Labels Across	Core Size	Roll Qty
SL6454	Chemical-Resistant Labels 7/8" x 7/8"	4	1"	5000/rl
SL6457	Ext. Exposure Chem. Resistant Labels 7/8" x 7/8"	4	3"	4000/rl
SL6374	UltraPrint Label 7/8" x 9/16"	1	1"	3000/rl
SL6357	UltraPrint Slide Label 7/8" x 7/8"	1	1"	2600/rl
SL6355	UltraPrint Label 15/16" x 15/16"	1	1"	2600/rl
SL6360	UltraPrint Label 15/16" x 7/8"	1	1"	2600/rl
SL6432	UltraPrint Label 15/16" x 15/16"	1	1"	1800/rl
SL6414	UltraPrint Label 15/16" x 15/16"	1	1"	1500/rl
*SL6418	UltraPrint Label 15/16" x 3/4"	1	1"	1500/rl
SL6423	UltraPrint Label 7/8" x 7/8"	1	1"	1000/rl
SL6386	UltraPrint Label 15/16" x 7/8"	1	1"	500/rl
SL6395	UltraPrint Labels 7/8" 4 across	4	1"	500/rl

Item	Description	<b>Roll Size</b>
SL6456	Thermal Transfer Ribbon	4.33" x 984'
SL6455	Thermal Transfer Ribbon	4.33" x 244'
*SL6393	UltraPrint Ribbon 4"	4.33" x 243'
SL6382	UltraPrint 4.25" x 5", 512" Wax Paper Ribbon	4.25" x 550'
*SL6419	UltraPrint Ribbon for Cognitive Printers	2.4" x 459'
*SL6419	UltraPrint Ribbon for Cognitive Printers	2.4" x 542'
**SL6422	UltraPrint Ribbon 2.17" x 244'	2.17" x 244'
SL6404	Core Only (Box/50)	4" core

 $<sup>{}^{\</sup>star}$  Compatible with cognitive printers



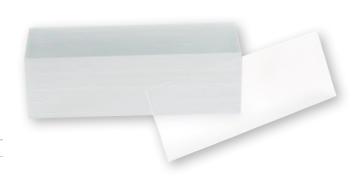
<sup>\*\*</sup> Compatible with Zebra TLP-2844, TLP-3842, TLP-3844, GK420T, GX430T

#### Plain Non-Frosted Standard Microscope Slides

#### Size: 75 x 25 mm (3" x 1")

Non-frosted glass. Pre-cleaned, premium quality with smooth edges. (72) slides to the pack. Case /10 packs minimum.

Item	Color	Qty
SL6026	Plain - no color	Pack/72



#### Large Plain Non-Frosted Standard Microscope Slides

#### 75 x 50 mm (3" x 2")

Non-frosted glass. Pre-cleaned, premium quality with smooth edges. (72) slides to the pack. Case /10 packs minimum.

Item	Color	Qty
SL6025	Plain - no color	Pack/72

#### Thermo Scientific Superfrost - Large Standard Microscope Slides

#### 75 x 50 mm (3" x 2" x 1")

Large 3x2x1 size. Pre-cleaned, premium quality with smooth edges. Superfrost colored, chemical-resistant marking surface. (72) slides to the pack. Case /10 packs minimum.

Item	Color	Qty
SL6024	White	Pack/72



#### Thermo Scientific Superfrost Plus Charged Microscope Slides

#### 75 x 50 mm (3" x 2" x 1")

White frosted glass. Pre-cleaned, premium quality with smooth edges. (72) slides to the pack. Case /10 packs minimum.

ltem	Color	Qty
SL6358	White	Pack/72





#### AVANTIK COVER SLIPS

### Clearly Superior.

#### **Avantik Cover Glass**

Specially treated surface to avoid sticking and for superior and faster separation of the coverslips. Avantik Premium Microscope Coverslips and Avantik SureView 2 Microscope Coverslips are cut white borosilicate glass, precise cutting, without cords and blisters. Recommended for use on automatic coverslipping machines. Additional sizes available.

#### **Avantik SureView Microscope CoverSlips**

Item	Size	Case Qty
SL6334-A	24 x 50, #1 thickness	10 packs
SL6334-B	24 x 60, #1 thickness	10 packs
SL6334-C	24 x 55, #1 thickness	10 packs
Cases of 10 packs x 2 oz. per pack		



#### **Avantik Microscope CoverSlips**

Optimized for both manual and automated coverslipping.

Item	Size	Case Qty
SL6046-A	24 x 50, #1 thickness	10 packs
SL6046-B	24 x 60, #1 thickness	10 packs
SL6046-C	24 x 55, #1 thickness	10 packs
SL6046-D	24 x 40, #1 thickness	10 packs
	Cases of 10 packs x 1 oz. per p	pack



#### **Avantik SureView 2 Microscope CoverSlips**

Optimized for both manual and automated coverslipping.

Item	Size	Case Qty
SL6373-A	24 x 50, #1 thickness	10 packs
SL6373-B	24 x 60, #1 thickness	10 packs
Cases of 10 packs x 1 oz. per pack		



#### **Large Coverslips**

48 x 60 x 1.5 mm (2" x 2.5" x 0.05")

Large coverslips  $48 \times 60 \times 1.5 \text{ mm}$ .

Item	Color	Qty
SL6421	White	27/pk

#### **Coverslipping Film**

Coverslipping Film is a unique, resin-coated plastic film that eliminates the need for cover glass and liquid mounting medium. The unique flexible film accepts any specimen. The optical characteristics are comparable to those of glass.

Item	Size	Qty
SL6070 - Tissue Tek	24 x 60 x 1 mm	Case/5
SL6400 - Patho Tape	24 x 70 x 1 mm	Each or Case/5





#### **Avantik Cover Mount**

Clear, colorless xylene based mounting medium with rapid drying qualities. This product will not oxidize, fade, or yellow over time. It is miscible with all clearing reagents and has optimal viscosity properties that allow for ease of use and void of any air bubbles. Avantik Cover Mount Mounting Medium can be used with all commercially offered clearing reagents.

**Original Cover Mount** is **xylene based** mounting media and is recommended for use with Avantik Xylene.

**Cover Mount 2** is **toluene based** mounting media and is recommended for use with Avantik UltraClear.

**Cover Mount 3** is **d-Limonene** based and recommended for use with HistoClear.

Item	Description	Size	Qty	Compatible with:
SL6012-A	CoverMount	4 oz.	Case/4	Avantik Xylene
SL6012-B	CoverMount	16 oz.	Each	Avantik Xylene
SL6330-A	CoverMount 2	4 oz.	Case/4	Avantik UltraClear
SL6330-B	CoverMount 2	16 oz.	Each	Avantik UltraClear
SL6337-A	CoverMount 3	4 oz.	Case/4	HistoClear
SL6337-B	CoverMount 3	16 oz.	Each	HistoClear

#### TBS SHUR/Mount Mounting Medium

Toluene-based acrylic resin allows rapid drying for hand coverslipping. Anti-oxidant prevents fading & UV absorbent prevents yellowing. Low viscosity minimizes bubble formation under coverglass. Convenient twist-top spout eliminates messy bottles & droppers.

Item	Size	Qty
SL6011-A	4 oz. Bottle	Case/12





### LAB SAFETY

SPILL CONTROL 103-104
FORMALIN NEUTRALIZER 104
PERSONAL SAFETY 105-106
BIOHAZARD PROTECTION 107-108





## LAB SAFETY



AVANTIK CHEMICAL SPILL SOLUTIONS

# Safety First!



#### **3M Chemical Sorbent Pads**

Ideal for small spill management and wiping down contaminated areas. Conveniently sized pads allow the user to quickly spread sorbent on and in the path of a spill. Each carton contains 25 Chemical Sorbent Pads.

ltem	Qty
SY5051	Box/25 Pads

#### Super Versi-Dry Absorbent Lab Mats - 18" x 20"

Absorb spills and cushion breakable items. Waterproof polyethylene backing. Resistant to most chemicals. Absorbs from 750 mL up to 1,050 mL of liquid per square meter. Strong enough to be used as a floor soaker, the durable cloth-like top layer will not fall apart, even when wet.

Item	Qty
SY5052	Pack/50





#### TransForm™ Complete Formalin Neutralizer

Transform™ Complete Formalin Neutralizer is an easy-to-use dry crystal packet that will neutralize one gallon of 10% Formalin into a non-hazardous, neutral pH, clear liquid in minutes. Complies with State and Federal waste-water regulations. E.P.A. test results are attached to product information sheet for quick reference.

ltem	Qty
SY5058	Case/10

#### Hydeaway Formalin Neutralizer - Gallon

Neutralizes spent formalin and other aldehydes for drain or trash disposal.

Item	Qty
SY6074	Fach





#### TransForm™ Neutralizer Spray 16 oz.

Transform™ Spray Formalin Neutralizer is formulated for use in grossing rooms, autopsy rooms, surgical suites, or anywhere else 10% Formalin is used. Transform™ Spray destroys Formalin and its fumes in seconds. Just spray directly on grossing area, sinks, counter tops, or anywhere that Formalin fumes are a problem.

Item	Qty
SY5059	Fach

#### Formaldehyde Spill Kit

This convenient kit contains everything you need to deal with a formaldehyde spill in one convenient package. (1) Chemical Safety Goggles, (3) Poly Disposable Aprons, (3) Biohaz Waste Bags, Nitrile Disposable Gloves, (8/pk) Small and Large Formaldehyde Spill Pads, (1) TransForm™ Neutralizer Spray 16oz.

Item	Qty
SY5084	Each





#### Eye Wash Refill, 16 oz.

This is a 16 oz. refill bottle for Item SY5080 Wall Mount Station. Refill bottles make it easy to establish emergency wash stations anywhere. Quick and easy refills are also portable and ready for use.

Item	Qty
SY5048	Each

#### Wall Mount Eye Wash Station

The cost-effective Eyewash Station can be conveniently placed in any lab environment. Station is easily mounted to a wall. Features one squeezable bottle of sterile saline solution. Twist-top is not replaceable. This is a single use bottle.

Item	Qty
SY5080	Each





#### **Chemical Splash Safety Goggles**

Chemical Splash Goggles, Venting Indirect, Clear Lens Color, Anti Fog, Scratch-Resistant Lens Coating, Smoke Frame Color, Polycarbonate Lens Material, Rubber Strap Material, Plastic Frame Material.

Item	Qty
SY5081	Each

#### Fire Blanket In Quick Release Tote

Fire Blanket and Tote, Blanket Width 62 in., Blanket Length 84 in., Blanket Material Wool, Color Gray, Case Color Red, Includes Quick Release Tote.

Item	Qty
SY5049	Each





#### Fire Blanket L-Projecting Wall Sign

L-Shaped Projecting Fire Blanket Wall Sign. Rugged, acrylic sign material features pre-drilled mounting holes, selfadhesive pads and mounting screws and washers for quick, convenient mounting. Measures 8"H x 10"W and projects at a 90° angle 8" from the wall.

Item	Qty
SY5050	Each



#### **Sharps Container**

Safe, disposable container for needles, syringes, lancets, razors, glass slides, and sharp objects. Lid automatically closes when full.

Item	Description	Qty
SY5045-A	1 quart	Each
SY5045-B	5 quart, Round	Each
SY6161	5 quart	Each





#### Biohazard Spill Response Kit II

This convenient kit contains everything you need to deal with biohazard containment in one convenient package. (8) Sorbent Pads, (3) Poly disposable aprons, (5) Biohazardous Waste Bags 20-30 gallon, Nitrile Disposable Gloves.

ltem	Qty
SY5083	Each

#### Biohazardous Waste Bags

Red Biohazard bags clearly identify and isolate hazardous medical waste. Tear and puncture resistant. Material Low Density Polyethylene, Biohazard Symbol, Package Configuration Flat Pack.

Item	Size	Capacity	Qty
SY5053	36"L x 30 "W	20 - 30 gallon Thickness 1 mil.	Case/125
SY6051	19"L x 23"W	7 gallon Thickness 1 mil.	Case/200
SY6093	12"L x 24 "W	1 gallon Thickness 1 mil.	Case/100



#### **Monitoring Badges**

Keep safer while working in the lab with specific monitoring badges for hazardous chemicals you may be working with. Long term exposure to harmful chemicals has risks, and you can reduce the risk by knowing when you've been exposed to too much of a harmful chemical vapor.

Item	Description	Qty
SY5061-B	Organic Vapor Monitoring Badge - Fast	Pack/5
SY5095-A	Aldehyde Monitoring Badge (Formalin)	Each
SY5095-B	Organic Vapor Monitoring Badge - Standard	Each
SY5095-C	Acetic Acid Monitoring Badge	Each
SY6003	Aldehyde Personal Monitoring Badge	Pack/5
SY6097	Organic Vapor Personal Monitoring Badge - Standard	Pack/5

<sup>\*</sup> Includes laboratory analysis, turnaround time at lab 6-10 business days.





TB - Cide Disinfectant w/Nozzle - 32oz

Item	Size
SY6285	32 oz

#### **Danolyte Hospital Disinfectant**

Item	Size
SY6245-1QT	Quart
SY6245-1GL	Gallon
SY6245-5GL	5 Gallon Pail
SY6245-55GL	55-Gallon Drum



## GENERAL LAB

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## GENERALLAB



THE AVANTIK INK CARTRIDGE REPLACEMENT PROGRAM

# Simple. Simple. Efficient. Total Budget Control.

We're all trying to find ways to increase efficiency, keep within our budget, and be more environmentally friendly. But in the fast-paced, demanding environment of a laboratory, your most important task is to stay focused on delivering fast and accurate results. That's why we have the Avantik Ink Cartridge Replacement Program. So you can focus on the areas you need to. Save time and money and eliminate hazardous waste with the Avantik Ink Cartridge Replacement Program.

#### To Get Started with the Avantik Ink Cartridge Replacement Program - It's Easy as...1 - 2 - 3

1 Order from Avantik

Join the program. Place your first order for your new Avantik Ink Cartridge by calling 800 783 9424

You will receive an empty pre-paid, self addressed shipping box for your expired cartridge.

Install your new cartridge

Take your expired ink cartridge and place it in the pre-paid, self-addressed shipping box and send it back to us.

Ship your expired cartridge

Once we receive your expired ink cartridge, we'll send out your Avantik ink cartridge via UPS packed into two boxes.



#### **Avantik Ink Cartridge Replacement**

Avantik Ink Cartridges fit Leica IPC Cassette Printers & Leica IPS Slide Printers. A more economical way to replace your expired ink cartridge. Comes complete with a pack of 25 foam swabs.

Item	Qty
GL1260	Each

#### **Cleaning Swabs**

Item	Qty
5470061	Pack/50

#### **SP15 Slide Printer Ribbon**

Printer ribbon for Avantik SP15 Slide Printers.

Item	Qty	
SL6342	Each	





#### Thermo AS Slide Printer Ribbon

Printer ribbon for Thermo AS Slide Printer.

ltem	Qty	
SL6388	Each	

#### **Cassette Printer Ribbon**

Printer ribbon for Thermo PrintMate cassette printer.

Item	Description	Qty
EM0274	400 Ft/Roll	5 Rolls





#### **KP Black Marking Pen**

Item	Color	Qty	Case Qty
SL6061	Black	Each	Box/12





#### Marking Pen (924)

ltem	Color	Qty	Case Qty
SL6056	Black	Each	Box/12

#### Tissue-Tek Marking Pencils

This special soft-lead pencil is designed for use with all Tissue-Tek® and other plastic cassettes.

Item	Qty	Case Qty
SL6057	Pack/12	6 Packs





#### **Forceps**

Other options available.

Item	Color	Qty
GL1018	Forcep - Blunt Tip	Each
GL1251	Forcep - 4" Fine Straight	Each
GL1017	Forcep - Extra Fine Straight	Each
GL1250	Forcep - 4" Fine Curved	Each
GL1191	Forcep - Disposable	Pack/6
GL1239	Forcep - 6" Straight	Each
GL1268	Sterile Forcep - Blue Plastic Individually Wrapped	Pack/100





#### Straight Needle Probe with Wooden Handle

Item	Description	Qty
GL1020	5.5" length	Each

#### Disposable Square Petri Dishes

Item	Description	Qty	Case
GL1021	100mm x 15mm	10/Tube	Case/50



#### **Disposable Round Petri Dishes**

Item	Description	Qty	Case
GL1023	100mm x 15mm	20/Tube	25 Tubes/C's





#### **Pyrex Round Petri Dishes**

Flat, clear dishes will withstand repeated sterilization (wet or dry). Dishes are supplied complete with tops and bottoms; the tops are marked in blue enamel and the bottoms in white enamel to make sorting easier.

ltem	Description	Qty
GL1025	100mm x 15mm	Case/12

#### Petri Dish Liners (Box/100)

Low ash filter papers for general laboratory work that provides you with the correct combination of particle retention, filtration speed, loading capacity and wetstrength. 9 cm diameter. Fits round petri dishes. Thickness approximately 0.15 mm.

Item	Qty
GL1078	Box/100





#### Fluted Filter Paper Circles - 18.5 cm

Grade 313, Fluted Circles, Folded, Qualitative 18.5cm diameter. Medium Fine porosity. Medium flow rate.  $5\mu$ m particle retention.

Item	Qty
GL1026	Box/100



#### Whatman Filter Paper - 7 cm Round

Whatman Qualitative Grade 1 Filter Paper is the most widely used filter paper for routine applications with medium ( $11\mu m$ ) retention and flow rate. Diameter: 7cm.

Item	Qty
GL1060	Box/100

#### Whatman Filter Paper - 33 cm Round

Grade 202 filter paper designed for gravimetric analysis and the preparation of samples for instrumental analysis.

Item	Qty
GL1143	Box/100



#### Whatman Filter Paper - 9 cm Round

Whatman Grade 410 Filter Paper, Qualitative is reliable and dependable, combining top-notch and uncompromising quality with an affordable price. Fine porosity and slow flow rate. Particle retention of  $1\mu m$ . Diameter: 9cm.

Item	Qty
GL1028	Box/100



#### Plastic Coplin Staining Jar w/Screw Top

Item	m Description	
GL1056	(5) slide capacity	Each



#### Glass Coplin Staining Jar

Heavy glass walls and broad, stable base with either glass or plastic screw cover. Choose from 5 or 10 slide capacity.

Item	Description	Cap	Qty
GL1057-A	(5) slide capacity	Glass	Each
GL1057-B	(10) slide capacity	Glass	Each
GL1057-C	(10) slide capacity	Plastic	Each



#### **Filtered Universal Pipettes Tips**

Rack, Sterilized, Low Retention. 96 Tips per Rack, 10 Racks per Pack, 5 Racks per Case

Item	Description	Qty
GL4728	200ul	Case/4800
GL4741	1000ul	Case/4800
GL4742	1250ul	Case/4800



#### **3mL Transfer Pipettes**

Made from unbreakable polyethylene. Use them for any liquid transfer applications that require precise control over drop dispensing.

Item	Qty
GL1054	Box/500



#### **Sterile Transfer Pipettes**

Single-Wrapped Transfer Pipettes. Made from unbreakable polyethylene. Use them for any liquid transfer applications that require precise control over drop dispensing.

Item	Description	Qty
GL4708	3 mL	Box/500
GL4709	1 mL	Box/500

#### **Conical Tubes**

Disposable polypropylene tubes and caps with recessed lid and sealing ring to prevent leaking. Frosted writing surface allows for permanent identification and labeling.

Item	Description	Qty
CY8016	15 mL	Case/500
CY8017	50 mL	Case/500





#### **Cytology Funnel**

The convenient and easy to use cytology funnel comes in either single and double funnel to allow sample deposition areas on a single slide. Disposable to eliminate time consuming decontamination and cleaning protocols. The disposable sample chambers do not need metal clips. Inserted filter card. The sample chamber is also disposable.

Item	Decription	Qty
CY8055	Single Cytology Funnel	Case/500
CY8053	Double Cytology Funnel	Case/480

#### **Plastic Ruler**

A Phenolic ruler perfect for lab applications with metric on one side and inches on the other. Measurement markings are sealed between layers of lamination to stand up to laboratory use.

ltem	Description	Qty
GL1085	6" Opaque Plastic	Each
GL1113-A	6" Transparent Ruler	Each
GL1113-B	12" Transparent Ruler	Pack/12





#### **Plastic Mixing Bottle 500mL**

Dynalon Polypropylene Graduated Bottles. Leak proof construction, chemical resistant, and autoclavable. Large white marker space for clear, easy and safe labeling. Wide mouth for easy access filling. Clear printed graduations show milliliters and fluid ounces allowing estimation of volumes.

Item	Description	Qty
GL1061	500 mL	Each

#### Safety Wash Bottle

NFR Wash Bottles are made of low-density polyethylene (LDPE) with leakproof white polypropylene caps. Colored bar is the suggested fill line. Write-On Bottles include space to write in a chemical name and come with color-coded, self-adhesive numbers to fill in health, flammability and reactivity ratings.

Item	Description	Qty	Case Qty
GL1055	500mL	Each	6





#### Polypropylene Graduated Cylinders

Item	Description	Size	Qty
GL1178	Tall Graduated Cylinder	1000 mL	Each
GL1090	Low Graduated Cylinder	1000 mL	Each

Additional sizes available.



#### **Kimwipes**

A versatile option for delicate tasks. For laboratory cleaning, surface/parts cleaning, instrument cleaning, lens cleaning and more.

ltem	<b>Description:</b>	Qty	Case Qty
	Box contains 280 sheets	Each	60 boxes

#### Kimberly Clark WypAll L40 Wipers

Quarterfold Wipers. Dry wipes easily absorbs large spills & leaks. Contains a special lint guard polyshield for maximum performance.

Item	Description	Qty	Case Qty
GL1036	12.5" x 13" sheets, 1/4 fold 56 wipers per pack	Each	18 Packs





#### Gauze Non-sterile 4" X 4" - 12 ply (200/pack)

Made of 100% cotton. Latex-free. Clean, debris-free packing has folded edges to prevent unraveling. Easy-open envelope is carefully sealed to prevent the intrusion of dust and contaminants.

ltem	Qty	Case Qty
GL1039	Each	10 Packs





#### **Slide Holders**

Use during slide preparation, evacuation, cleaning, and drying applications. Constructed of strong, chemical-resistant polyethylene for use with numerous types of samples and solutions. Designed for standard size slides (3" x 1" or 25mm x 75mm).

Item	Description	Qty
ST7064-A	40 Place	Each
ST7064-B	15 Place	Each

#### Stainless Steel Slide Staining Rack

Removable handle, stainless steel construction. 10 or 30 slide capacity. Both accept the same size slides.

Item	Description	Qty
EQ0514	10 Slide Capacity	Each
EQ0515	30 Slide Capacity	Each



#### **Timer 3 Channel**

Certified three independent channels count down with timeout and 60 second audible alarm. Display timer automatically counts up after zero to show time elapsed since alarm. Alternately displays clock and stopwatch (to 1/100 sec.) Magnetic back allows mounting on metal surfaces. Includes two-year battery.

Item	Description	Qty
GL1227	64 x 86 x 22mm	Each





#### **Big-Digit Hygro Thermometer Clock**

The Big-Digit Hygro Thermometer Clock is a practical regulatory tool for use in the laboratory to maintain temperature and moisture level conditions. Meant to record extremes during the day, the LED-powered, big digit screen shows both humidity levels and temperature, with  $^{\circ}$ C/ $^{\circ}$ F adjustable temperature settings. There is a memory button with a reset button which can store maximum and minimum measurements.

Item	Description	Qty
GL1062	3.1 x 2.4"/80 x 62mm.	Each

#### **NIST Traceable Certified Thermometer**

Thermometer is individually serialized and calibrated, and provided with the Traceable® Certificate to indicate traceability to standards provided by NIST.

Item	Qty
GL4658	Each



#### Nitrile Powder-Free Examination Gloves

100 gloves per box. 10 Boxes per Case.

Size	Thickness
Xtra-Small	3.5 - 5.0 mil
Small	3.5 - 5.0 mil
Medium	3.5 - 5.0 mil
Large	3.5 - 5.0 mil
Xtra-Large	3.5 - 5.0 mil





#### Non-Woven Disposable Lab Coat

Made of 40-gram spun bond polypropylene. This makes them strong, yet comfortable. The coats have three pockets, five plastic snaps, knit collar and cuffs. They are latex-free. **White coats come with velcro closure, blue coats come with snaps.** 

Item	Description	Color	Qty
GL1064-W	Call for Current Availability	White	Pack/10
*Additional Sizes Available			

#### **Poly Disposable Aprons - White**

1.75 mil polyethylene general purpose lab apron.

Item	Description	Qty
GL1040	28" X 46" L	Box/100



#### 3-Ply Face Mask

Minimize contamination from inhaled micro-organisms and reduce exposure to body fluids and blood. The 3-ply earloop mask provides a form-fit design for a secure fit. The masks are soft and easy to breathe through and intended for single use only.

Item	Qty
SY6217	Box/50





#### KN95 Mask

The KN95 face mask with earloops has the intended effectiveness of filtering 95% of particles. KN95 masks conform to GB2626-2006 standards.

Item	Qty
SY6248	Box/20

## INSTRUMENTS & EQUIPMENT

**OS12 CRYOSTAT** 127 **EM8 EMBEDDING CENTER** 128 SP15 SLIDE PRINTER 129 **FUME CONTROL &** 131-134 FILTER REPLACEMENT **NEW & REBUILT INSTRUMENT LIST 135-137** SAFETY STORAGE 138 MANUAL STAINING 139 LP16 SLIDE LABEL PRINTING SYSTEM 147 ANCILLARY LAB EQUIPMENT 140-148





# INSTRUMENTS & EQUIPMENT



## REVOLUTIONARY

OSIZ

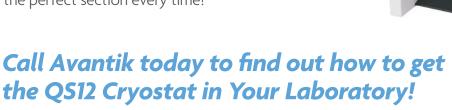
Don't Settle

For Inconsistent Sections...

### **Are You Experiencing Any of These Common Issues?**

Thick & Thin Sections • Venetian Blind Poor Section Quality • Poor Slide Quality Increased Patient Wait Times

The Revolutionary Avantik QS12 Cryostat eliminates
the most common cutting problems technicians face
on a daily basis. Venetian blind...eliminated.
Chatter...eliminated. Thick and thin sections...all eliminated
by using the QS12 Cryostat from Avantik. The QS12 Cryostat
offers the greatest precision to ensure you achieve
the perfect section every time!





Dovetail Bladeholder



Powerful 39W UV Light on QS12 UV Model



\*AVANTIK

**Peltier - Fast Freezing** 

#### Quality. Consistency. Reliability. The Avantik EM8 Embedding Center



#### The Avantik EM<sup>8</sup> Embedding Center

The embedding center that you choose plays a critical role in the performance of your lab. Throughput, ease of use, ergonomics and performance are all key factors for your lab in order to run efficiently and flawlessly. The Avantik EM8 Embedding Center is an integral part of creating a lab that will ensure Total Workflow Control. The modular design allows for easy and customized setup of the hot and cold plate surfaces. The control panel is intuitive and simple. The Avantik EM8 Embedding Center is another way Avantik helps your lab Achieve Total Workflow Control.

#### Benefits of the Avantik EM<sup>8</sup> Embedding Center

- Ergonomically designed to enhance operator comfort
- Adjustable paraffin flow rate ensures operator efficiency
- Individual control of all temperature settings
- User friendly keypad for easy control of all system operations
- Large cassette storage area accommodates multiple sized tissue baskets
- 5 liter paraffin reservoir ensures continuous workflow
- Large cooling surface holds 60+ cassettes and molds



## SLIDE PRINTER

#### Your Lab... quick, efficient, easy.

#### The Avantik SP<sup>15</sup> Slide Printer.

Thousands of specimen identification errors occur annually, which inevitably leads to adverse patient events. A large percentage of these errors are due to improperly labeled slides. The small footprint of the new Avantik SP15 brings the convenience of on-demand slide printing directly to your cutting station. Now, with the Avantik SP15 Slide Printer, you can eliminate errors by allowing the technicians to reliably print their slides at the time the specimens are cut.

- On-demand slide printing reduces errors
- Prints directly onto the slide, eliminating the need for labels or handwriting
- Small footprint fits easily next to the microtome
- Chemical resistant media ensures print reliability
- Flexible data inputs allow easy LIS integration

#### **Order Information**

SP15 Slide PrinterSP15
Includes SP15 Printer
SP15 Slide PrinterSP15-U
Includes SP15 Printer plus Unload Station

#### **For Optimal Performance:**

SP15 Slide Printer Ribbon	SL6342
SureBond Charged Microscope Slides	SL6332
SureSlide Standard Microscope Slides	SL6333

Purchase optimized slides for your SP15 Printer. Order today and reference item numbers SL6332 and SL6333.







**Quality and Control.** Our mission, your choice. At Avantik, we are dedicated to promoting quality and control in every lab across America. With our foundation built from service in the equipment industry, we understand the importance of dependability and consistency to keep your lab in continuous operation. Avantik delivers top quality instruments, offering a wide range from industry leaders, giving you the flexibility to equip your lab with the models of your choice.

Make the most out of your capital expenditures by choosing rebuilt instruments from Avantik, and discover the same quality and control that you experience with brand new instruments.

- All instruments are completely rebuilt according to OEM factory specifications
- The rebuilding process is performed at our facility by fully trained and certified technicians
- All rebuilt instruments are backed with a full one-year warranty including all parts and labor
- Each piece of equipment is subjected to a rigorous quality assurance inspection and operational certification prior to delivery

With Avantik rebuilt instruments and equipment...

It's an Easy Choice.

Speak with our Equipment Specialists today to learn more. Call 800.783.9424.



#### **Avantik Ductless Fume Hood System**

The Avantik containment hood systems are designed to enclose materials and operations under negative pressure, thereby preventing airborne contaminants from escaping into the work environment. Contaminated air is drawn through a variety of filters to remove pollutants. Filters are available for both vapors and particulates and they can be combined for multiple substance filtration. Constructed of clear, 1/4" thick, acrylic panels with sturdy aluminum framing (other panel materials are available if required). They come equipped with a clear vinyl curtain providing easy access while maintaining optimal airflow across the opening. Available in four sizes. Each system comes with filters specific to your fume containment application.

Item	Description	Qty
SY5010-B <b>30"</b>	Work Area: 17"h x 28"w x 17"d Overall: 32.5"h x 30"w x 18"d Electrical: 115V AC, 100 watts Weight: 60 lbs	Each
SY5010-C <b>46</b> "	Work Area: 17"h x 44"w x 17"d Overall: 32.5"h x 46"w x 18"d Electrical: 115V AC, 100 watts Weight: 75 lbs	Each
SY5010-D <b>50</b> "	Work Area: 17"h x 50"w x 17"d Overall: 32.5"h x 52"w x 18"d Electrical: 115V AC, 100 watts Weight: 98 lbs	Each
SY6000	Optional Outside Ventilation Kit - External venting of exhaust from fume hood	Each

<sup>\*</sup> Additional Sizes Available Upon Request.





#### **Linistat Automatic Slide Stainer**

The Linistat Automatic Slide Stainer is a dependable and economical way to automate staining; it uses a conveyer to prepare consistently stained slides. The supply and drain ports are located at the rear and on the left as you face the instrument. The accessory stands substantially improve the instrument drainage. A dedicated water shut-off is recommended for the water supply leading to the stainer.

\*AVANTIK

#### Activated Charcoal Filters for Avantik Fume Hood Systems

From organic solvents to formaldehyde, acids and more, Avantik offers you more options for filtering the air you breathe in your lab. Change your filter as often as recommended to keep the air in your lab environment as healthy as possible.

ltem	Description	Size	Qty
SY5017	FR2 - Regular Charcoal Filter	10.5"W x 10.5"L x 1.5"D	Each
SY5018-A	FR4 - Regular Charcoal Filter	10"W x 17"L x 2"D	Each
SY5018-B	FRC4 Charcoal Filter (Formaldehyde)	10"W x 17"L x 2"D	Each
SY5018-C	FRAG4 Charcoal Filter (Acid)	10"W x 17"L x 2"D	Each



#### Labconco Low Profile Fume Hood System

Fume Adsorbers are geared for light duty histology coverslipping and staining areas. Activated carbon media adsorb organic odors and noxious vapors while clean air is recirculated into the laboratory. These enclosures are low profile, completely portable and require no duct work. They easily accommodate shallow counter tops or those with overhanging cabinets. Each Fume Adsorber includes either an activated carbon, formaldehyde or ammonia filter.

Item	Description	Qty
SY5014-A	Dimensions: 30"w x 23.4"d x 15.4"h Weight: 62.0 lbs Electrical: 115 V, 60 Hz, 2 amps, Domestic	Each





#### Labconco Activated Charcoal Filter

Organic Vapor Carbon Filter. For use with Labconco Fume Hood.

ltem	Qty
SY5019	Each

#### Thermo/Shandon Activated Charcoal Filter

Organic Vapor Carbon Filter. For use with Shandon Hyper Clean Fume Hood, Varistain Slide Stainer and Excelsior Tissue Processor.

Item	Qty
SY5021	Each





#### Leica Auto Stainer Filter

Organic Vapor Carbon Filter. For use with Leica Auto Stainer.

Item	Qty
SY6063	Each



#### **Avantik Filter Options**

Make	Model	Qty	Part #	Est. Life	Notes
Avantik	G30 & G46	1	SY5018-A	4-6 Months	Standard Filter
Avantik	G30 & G46	1	SY5018-B	4-6 Months	Formaldehyde
Avantik	G30 & G46	1	SY5018-C	4-6 Months	Acid
Avantik	G30 & G46	1	SY5079	4-6 Months	Ammonia Gas
Avantik	G50	2	SY5018-A	4-6 Months	Standard Filter
Avantik	G50	2	SY5018-B	4-6 Months	Formaldehyde
Avantik	G50	2	SY5018-C	4-6 Months	Acid
Avantik	G50	2	SY5079	4-6 Months	Ammonia Gas
Avantik	RVG1 & 2	2	SY6065	90 Processes/6 mos.	Standard Filter
Avantik	QR7	1	SY6065	45 Processes/6 mos.	Standard Filter
Labconco	Fume Absorber	1	SY5019	4-6 Months	Standard Filter
Labconco	Fume Absorber 2	2	SY5019	4-6 Months	Standard Filter
Labconco	Protector Work Station	1	SY5098	4-6 Months	Standard Filter
Hacker	DownDraft	1	SY5020	3 Months	Standard Filter
Leica	ASP300/S	1	SY6057	3 Months	Standard Filter
Leica	ASP6025	1	SY6144	1 Month	Standard Filter
Leica	CV5000	1	SY6061	6 Months	Standard Filter
Leica	CV5030	1	SY6062	1-6 Months	Monthly when using Xylene
Leica	Peloris	1	SY6059	2 Months	Standard Filter
Leica	ST4040	1	SY6063	1 Month	Standard Filter
Leica	ST5020	1	SY6063	1 Month	Standard Filter
Leica	TP1050	1	SY6052	4 Months	Standar Filter
Leica	XL	1	SY6063	3 Months	Standard Filter
Leica	Cryostat	1	SY6064	1 Month	Filter for Condenser
Sakura	DRS601	1	SY5027	1 Month	Standard Filter
Sakura	DRS2000	1	SY5027	1 Month	Standard Filter
Sakura	FILM	2	SY6058	2 Weeks	Standard Filter
Sakura	GLAS 2	2	SY6058	2 Weeks	Standard Filter
Sakura	PRISMA	2	SY6058	2 Weeks	Standard Filter
Sakura	SCA	1	SY6005	2 Weeks	5000 Slides
Sakura	VIP K Series	1	SY5022-A	1 Month	Standard Filter
Sakura	VIP E	1	SY5024	20 Processes/1 Mo.	Standard Filter
Sakura	VIP 5	1	SY5024	20 Processes /1 Mo.	Standard Filter
Sakura	VIP 6	2	SY6058	20 Processes/1 Mo.	Standard Filter
Thermo	Excelsior	1	SY5021	3 Months	Change all 3 filters
Thermo	Excelsior	2	SY6132	3 Months	at the same time
Thermo	GLX	1	SY5021	2 Months	Standard Filter
Thermo	Gemini	1	SY5021	3 Months	Standard Filter

#### Activated Carbon for Sakura/Tissue-Tek VIP K Series

Activated charcoal carbon media for use with Tissue-Tek K series VIP fume control system. One gallon provides one refill on K1000 - K3000 models.

Item	Description	Qty
SY5022-A	1 gallon	Each
SY5022-B	5 gallon	Each





#### Activated Carbon Filters for Sakura VIP's

For use on Sakura E series and VIP 5 tissue processors.

Item	Qty
SY5024	Each

#### Activated Carbon Filters for Sakura/Tissue-Tek DRS Slide Stainers

For use on Sakura DR601 and DRS2000 automatic slide stainers.

Item	Qty
SY5027	Box/2







#### **Embedding Centers**

Item#	Description	Condition
EM8H	Avantik Embedding Center - Hot Side	New
EM8C	Avantik Embedding Center - Cold Side	New



#### Cryostats

Item#	Description	Condition
QS12	Avantik QS12 Cryostat	New
QS12UV	Avantik QS12UV Cryostat	New
CM1520	Leica CM1520 Cryostat	Rebuilt
CM1950	Leica CM1950 Cryostat	Rebuilt
CM3050S	Leica CM3050S Cryostat	Rebuilt
HM520	Microm HM520 Cryostat	Rebuilt
HM525	Microm HM525 Cryostat	Rebuilt
QS11	Avantik QS11 Cryostat	Rebuilt
QS11UV	Avantik QS11UV Cryostat	Rebuilt

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#### Stainers

Item#	Description	Condition
LINISTAT	Linistain EQ0534 Stainer	New
LS15	Avantik Linear Stainer	New
DRS2000	Sakura DRS2000 Stainer	Rebuilt
PRISMA	Sakura Prisma Stainer	Rebuilt
ST5020	Leica ST5020 Multistainer Stainer	Rebuilt
XL	Leica ST5010 Auto Stainer	Rebuilt



#### Coverslippers

Item #	Description	Type	Condition
4764	Sakura SCA Coverslipper	Tape	Rebuilt
CV5030	Leica CV5030 Coverslipper	Glass	Rebuilt
FILM	Sakura Film Coverslipper	Tape	Rebuilt
GLAS2	Sakura Glas2 Coverslipper	Glass	Rebuilt

#### Microscopes



Item #	Description	Condition
CX33	CX33 Microscope	New
CX43	CX43 Microscope	New
DM750	DM750 Microscope System	New
DM1000	DM1000 Microscope	New
CxL	CxL Microscope	New
11622010KIT	Face to Face Dual View System	New
11622020KIT	Side by Side Dual View System	New

<sup>\*</sup> Camera & other accessories available





#### Microtomes

Item #	Description	Condition
HM325	Microm HM325 Microtome	Rebuilt
HM355S	Microm HM355S Microtome - Automated	Rebuilt
RJ2030	Leica RM2030 Microtome	Rebuilt
RM2025	Leica RM2025 Microtome	Rebuilt
RM2125	Leica RM2125 Microtome	Rebuilt
RM2235	Leica RM2235 Microtome	Rebuilt
RM2255	Leica RM2255 Microtome - Automated	Rebuilt



#### Tissue Processors

Item#	Description	Condition
VIP E300	Sakura VIP E300 Processor	Rebuilt
VIP5	Sakura VIP5 Processor	Rebuilt
VIP6	Sakura VIP6 Processor	Rebuilt
ASP300S	Leica ASP300S Processor	Rebuilt
PELORIS	Leica Peloris Tissue Processor	Rebuilt
PELORIS II	Leica Peloris II Tissue Processor	Rebuilt



#### **Printers**

Item #	Description	Condition
SP15	Avantik Slide Printer	New
LP16	Avantik LP16 Mohs Label Printer	New
IPC	Leica IPC Cassette Printer	Rebuilt
IPC-U	Leica Cassette Printer Unload Station	Rebuilt
IPS	Leica IPS Slide Printer	Rebuilt
IPS-U	Leica Slide Printer Unload Station	Rebuilt
PrintMate-150	Thermo PrintMate-150 Cassette Printer	Rebuilt
PrintMate-450	Thermo PrintMate-450 Cassette Printer	Rebuilt
EQ6142	ESPO Slide Printer	New

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Call Avantik today to speak to an equipment specialist! 800.783.9424

AVANTIK FLAMMABLE STORAGE CABINETS

### Safety First!



#### Flammable Safety Storage Cabinet

Our safety storage cabinets serve several critical functions. The greatest of which is to safely contain hazardous chemicals to reduce the risk of fire, protecting both personnel and facilities. Another function of these cabinets is to identify, organize, and segregate dangerous liquids. These cabinets offer compliance with federal OSHA regulations and Meets OSHA and NFPA code 30 standards.. They also improve efficiency by allowing flammable liquids to be stored near the points of use.

All welded, double wall, 18 gauge construction. Doors are double walled, 14 gauge outside & 18 gauge inside. Twin 2" flame arrester vents. 2" leakproof sill to contain leaks. Lockable flush mounted handle (gripper pad) with 2 keys. Adjustable leveling feet and grounding connector. Galvanized steel shelves adjust on 2-1/2" centers. Manual close doors (open to full 180°).

Item	Capacity	Dimensions	Color	Weight
SY5032-B*	12 gallon	23.5" W x 18" D x 35"H	White	150 lbs
SY6068	12 gallon	23.5" W x 18" D x 35"H	Yellow	150 lbs
SY5032-C*	22 gallon	35.25" W x 22" D x 35"H	White	170 lbs
SY6202	22 gallon	35.25" W x 22" D x 35"H	Yellow	170 lbs

<sup>\*</sup> White flammable safety cabinets are available via special order only.



#### Manual Slide Staining System - 12 Place

Kit includes: Stainless steel rack for holding dishes, (10) white reagent dishes, (2) Green Stain/Clearant dishes, and (2) slide staining racks that hold 24 slides each.

Item	Qty
EQUEUS K	Each





#### **Manual Slide Staining Rack Only**

Stainless steel rack for holding reagent/stain dishes.

ltem	Qty
EQ0509	Each

#### Manual Staining Dishes and Lids

Green Dish: For Stains or Clearant with chemical resistant construction.

White Dish: For Reagent Alcohol or other non-corrosive reagents.

Item	Color	Qty
EQ0511-G	Green Dish	Each
EQ0511-LG	Green Lid	Each
EQ0511-W	White Dish	Each
EQ0511-LW	White Lid	Each



#### **Manual Slide Staining Holder Capacity 24 Slides** Sturdy xylene-resistant neo-poly construction with

24 slide capacity. Handle is removeable.

ltem	Qty
EQ0513	Each

AVANTIK

### Ancillary Equipment

The equipment you need to help your lab run quick...efficient...easy!

#### **Boekel Convection Ovens**

These reliable ovens reach a maximum temperature of 215°C. Natural convective air circulation allows the set point to be reached within 30 minutes. Bi-metallic thermostats. Aluminum interior. Supplied with two adjustable tip-proof zinc plated steel shelves, thermometer (spirit filled). Equipped with advanced safety overtemp. 2 year warranty. Clear door option available.

Item	Description	Qty
EQ0522-A	Chamber Volume: 0.6 cu. Ft	Each
0.6 cu. Ft.	Chamber: 11-1/4" x 9-3/4" x 9-1/4"	
	Overall: 13-3/4" x 13-1/2" x 16-1/2"	
	Weight: 11.8 kg (26 lbs)	
	Electrical: 115 VAC 660 W	
EQ0522-B	Chamber Volume: 1.6 cu. Ft	Each
1.6 cu. Ft.	Chamber: 14" x 15" x 14"	
	Overall: 16-1/2" x 19" x 21-1/4"	
	Weight: 21.8 kg (48 lbs)	
	Electrical: 115 VAC 660 W	





#### **Boekel Digital Incubators**

These incubators are produced from 22 Ga. steel and the exterior is powder coated for scratch and stain resistance. The interior is easy-to-clean aluminum. Digital input and readout of incubation temperature. An over-range safety thermostat with a red warning indicator light is standard. The temperature range is from ambient +10 to 90°C. Hi-efficiency blower fan for rapid heat-up and better uniformity of temperature. Clear door option available.

Item	Description	Qty
EQ0528-A	Chamber Volume: 1 Shelf - 0.5 Cu. Ft.	Each
0.5 cu. Ft.	Chamber: 9-1/2" x 9-1/2" x 9-1/2"	
	Overall: 11-5/8" x 15-1/2" x 15-1/2"	
	Temp Range: Ambient +10°C to 90°C	
	Weight: 24 lbs./10.9 kg	
	Electrical: 115 volt/60 Hz	
EQ0528-B	Chamber Volume: 2 Shelf - 1.4 Cu. Ft.	Each
1.4 cu. Ft.	Chamber: 13-1/2" x 13-1/2" x 13-1/2"	
	Overall: 15 1/8 x 19 x 19 1/2"	
	Temp Range: Ambient +10°C to 90°C	
	Weight: 36 lbs./16.3 kg	
	Electrical: 115 volt/60 Hz	



#### **Boekel Analog Incubators**

These incubators are produced from 22 Ga. steel and the exterior is powder coated for scratch and stain resistance. The interior is easy-to-clean aluminum. The temperature range is from ambient +10 to  $90^{\circ}$ C. Hi-efficiency blower fan for rapid heat-up and better uniformity of temperature.

Item	Description	Qty
EQ0525-A	Chamber Volume: 2 Shelf - 0.8 Cu. Ft.	Each
0.8 cu. Ft.	Chamber: 11-1/2" x 12" x 10-1/2"	
	Overall: 13" x 14" x 16-1/4"	
	Temp Range: Ambient +5°C to 60°C	
	Weight: 23 lbs./10.4 kg	
	Electrical: 115 volt/50-60 Hz	
EQ0525-B	Chamber Volume: 2 Shelf - 1.4 Cu. Ft.	Each
1.4 cu. Ft.	Chamber: 13-1/2" x 13-1/2" x 13-1/2"	
	Overall: 15-1/8" x 19" x 19-1/2"	
	Temp Range: Ambient +10°C to 90°C	
	Weight: 36 lbs./16.3 kg	
	Electrical: 115 volt/60 Hz	





#### Boekel Standard Illuminated Water Bath - Digital

Precision temperature controlled water bath eliminates wrinkles and distortion during preparation of paraffin embedded tissue sections. Digital Microprocessor Control with advanced safety over temperature protection. L.E.D. illuminated black background with transparent PYREX® dish; allows specimen to be easily seen. Memory retains the last temperature set point after power off/on. Supplied with a removable PYREX® dish. 2 year warranty.

Item	Description	Qty
EQ0518	Temperature range: Ambient +5°C to 65°C	Each
	Stability: +/- 1°C	
	Overall Dimensions W x L x H: 36.2 cm x 36.2 cm x 11.4 cm (14.25 in x 14.25 in x 4.5 in)	
	Shipping Weight: 12 lbs (5.44 kg)	
	Electrical: 115 VAC 50/60 Hz 272 W) UL and CSA Certified	



#### **Premier Lighted Water Bath**

Tissue flotation bath has a low profile design with removable rectangular Pyrex basin, which is illuminated with LED light. Comes with easy to read LED display that shows both set temperature as well as actual temperature. Temperature setting is digitally set for accurate and precise control.



Item	Description	Qty
EQ0580	Temperature range: Ambient to 75°C	Each
	Stability: +/- 1°C	
	Overall Dimensions: 14"W x 14"D x 4.5H	
	Glass Dish Size: 10"W x 6.5"D x 2"H	

#### **Boekel Round Water Bath - Analog**

Eliminate wrinkles and distortion during the preparation of paraffin embedded tissue sections. Edges serve as a convenient drying surface for processed slides. Supplied with dust cover, thermometer holder and non-skid rubber feet. Equipped with on/off switch, pilot light, and thermostat. Rapid heat-up. Easy to clean and maintain. 2 year warranty.

Item	Description	Qty
EQ0519	Bath Temperature Range: 35°C to 65°C	Each
	Capacity: 2 L	
	Shipping Weight: 3.2 kg (7 lbs.)	
	Chamber Dimensions in/cm: 8-1/4" dia x 2" D , 21 cm x 5.1 cm	
	Product Dimensions W x D x H in/cm: 11" D x 3-3/4" H, 27.9 cm x 9.2 cm	
	Electrical: 14792 115 VAC 50/60Hz 190W	





#### **Boekel Wax Dispenser**

5 Liter capacity 1.25 gallons. Rapid warm-up with an advanced safety one-temperature cut-off. Heated valve ensures a consistent flow of molten wax. Dispenser valve allows precise control of flowing wax and can be locked in the open position if desired. 2 year warranty.

Item	Description	Qty
EQ0535	Temperature Range: 40°C to 75°C	Each
	Overall Dimensions: 8-1/2" x 16"	
	Electrical: (115 VAC 50/60 Hz 250 W) UL and CSA Certified	
	Shipping Weight: 14 lbs (6.35 kgs)	



#### **Premier 2.5 Gallon Wax Dispenser**

Large capacity (2.5 gallon) tabletop style dispenser. Industrial metal outer shell guarantees decades of long life. Built in temperature controller. Durable stainless steel interior is easy to clean. Improved metal faucet tolerates heat. Temperature: Maximum  $72\pm2^{\circ}$ C.

Item	Qty
EQ0579	Each



#### **TBS Paraffin Wax Dispenser**

Holds 6.25 gallons of liquid paraffin. See-through lexan lid provides easy paraffin viewing without comtamination. Accommodates a wide variety of container sizes.

Item	Qty
EQ6100	Each



#### **Corning Hot Plate**

White enameled steel top that provides heat transfer up to 400°C. Dual heat shields dissipate heat and keep the case cool to the touch. (UL- and cUL-listed). Equipped with advanced safety overtemp. 2 year warranty.

Item	Description	Qty
EQ0520	Size: 5" x 5" x 4"H	Each
	Temperature Range: 77° to 672°F (25° to 360°C)	
	Power Requirements: 120 V, 60 Hz, 2.1 amps, 250 W	
	Weight: 2.9 lb. (1.3 kg)	



# Slides Warmer XH-2002 Power Temp. Control Set Temp. Display

#### Slide Dryer/Warmer - 23 Slide Capacity

This unit's small footprint is ideal for laboratories where space is at a premium. The heat control with LED display allows temperature adjustments between ambient and  $70^{\circ}\text{C} \pm 2^{\circ}\text{C}$ . Toggle switch on the LED to switch between set and actual temperature. The surface plate area measures  $10 \times 7$  (26 x 18 cm) and holds about 23 standard slides.

Item	Description	Qty
EQ0521	Temperature Range: Ambient to 99°C	Each
	Temperature Accuracy: ± 2°C	
	Power Requirements: 120 V, 60 Hz, 300 W	
	Overall Dimensions: 4 x 25 x 9.5"	

#### **Digital Scale**

This digital scale is low-profile and perfect for a laboratory setting. The remote display is user friendly and can display weights in lb, oz, kg, and g. When the scale is not in use, the LCD can display the current time. Powered by 2 x AAA batteries or AC-Adapter (both included).

Item	Description	Qty
GL1272	Platform Size: 8" x 8" x 1.8"	Each
	Display Size: 4.5" x 4.8" x 0.8"	
	Capacity: 0-20kg/0-44lb.	
	Readability: 1 g/0.1oz	
	Tolerance: +/-2d	
	Weighing Units: lb, oz, lb (decimal)	), kg, g



#### **Digital Wax Trimmer XH-90D**

This Wax Trimmer has a compact and powerful build that is perfect for medical and research laboratories. It boasts a magnetically secured tray and a disposable tray liner that collects melted paraffin, making for easy and clean disposal. It is efficient and practical for removing excess paraffin from tissue cassettes. With this wax trimmer, there is no need to scrape the collection tray.

Item	Description	Qty
EQ6132	Digital Wax Trimmer	Each
	Surface Size: 9" x 5"	
	150W required	
	Simultaneously trim multiple blocks	
	Grooved surfaces for proper wax drainage	
GL4643	Replacement plastic liner	Pack/50
	for wax tray	





#### **TBS Wax Trimmer**

SURTrim Paraffin Block Dewaxer is the safe and practical way to remove excess paraffin from embedding tissue cassettes without risk of damage to barcodes and printed text.

Item	Description	Qty
EQ0551	Temperature Range: Ambient to 99°C	Each
	Temperature Accuracy: ± 2°C	
	Power Requirements: 120 V, 60 Hz, 300 W	
	Overall Dimensions: 4 x 25 x 9.5"	

#### **Laboratory Vacuum**

Wall mountable, powerful suction. Use to remove sectioning debris from cryostats. Special disposable filter attachment for sanitary collection and disposal of sectioning waste. Extension wands and crevice tool cleans those hard to reach areas. Reach those inaccessible spots and eliminate debris more quickly. The kit comes with the vacuum canister, all hoses and attachments and 6 disposable filters.

Item	Description	Qty
LV12-K	LV12 Vaccuum	Each
	Motor: 120V 60Hz 8.5A	
	Peak horsepower: 3hp	
	Weight: 11 lb. (5 kg)	
EQ0512	Vaccum Hose E	
GL4639	LV12 filters	Each







#### **Battery Backup System**

This modular and easily expandable battery backup system is individually constructed based on desired run times for your instruments in your laboratory. The backup unit is designed to run a primary laboratory instrument for approximately one hour. Each additional battery will add about another 3 hours of run time for each instrument. Consult with your Avantik Specialist in order to determine the specific configuration for your laboratory needs.

Item	Description	RunTime (Approx.)	Size & Wt.
EQ6090	Base Unit/Adapter Plug	30 Minutes	17.3 x 3.5 x 23.7
	Comes with Remote		59.5 lbs.
	Monitoring Software		
EQ6089	Battery Unit (Modular)	60 Minutes	17.3 x 3.5 x 22.9
			83.26 lbs.

#### Surge Protector / Line Conditioner

The Surge Protector / Line conditioner offers more complete protection for your senstitve electronic equipment. It eliminates damaging spikes in electrical current to your electronic equipment.

Item	Description	Size & Wt.
EQ6104	Surge Protector/LineConditioner	6.75"W x 5.75"H x 6.75"D





# LABEL PRINTING SYSTEM

#### The New Avantik LP16 Label Printer for Mohs

Thousands of specimen identification errors occur annually, which inevitably leads to adverse patient events. A large percentage of these errors are due to illegible slides. Combined with Avantik's optimized Mohs Software Solution, the LP<sup>16</sup> brings the confidence and reliability of accurate specimen identification to your laboratory.



- Eliminate slide identification errors
- Small footprint fits anywhere in your lab
- Chemical resistant labels to ensure high quality and permanency
- Cost-effective solution
- Optimized software solution for Mohs
- Fast and reliable slide labeling system for improved lab efficiency



#### **Order Information**

LP16 Label Printer	LP16
Includes LP16 Printer, Printer Ribbon, Labels, USB Cable, PC Touchscreen,	
Mohs Software, Monitor *VESA Mountable	
UltraPrint Slide Label	SL6357
7/8' x 7/8", 2600/Roll	
UltraPrint Label	SL6423
7/8" x 7/8", 1000/Roll	
UltraPrint Ribbon	SL6422
2 17" x 244" 2600/Roll	

#### **Avantik Cryo-Stool**

The Avantik Cryo-Stool has been widely applauded as a great alternative for people who normally stand at a cryostat and have problems doing it all day. This specially designed chair allows the user to sit/stand, with an easily adjustable seat, which has the ability to swivel by 20°. This chair angles the user's legs directly under the cryostat for comfort. It's light and easy to move, but made to withstand heavy use.

Item	Description	Height Range	Qty
EQ0564	Ergonomic Cryo-Stool	27.5"	Each





#### **Avantik Cryo-Chair**

The Avantik Cryo-Chair features ergonomically designed, vinyl upholstered seats that offer 4-way contouring and adjustment as well as a waterfall front edge for improved circulation. The backrest includes lumbar support and a plastic panel for damage protection.

Item	Description	<b>Height Range</b>	Color	Qty
GL1075-BK	Ergonomic Cryo-Chair	21-28"	Black	Each
GL1075-BL	Ergonomic Cryo-Chair	21-28"	Blue	Each

A	
Absorbent Pads (Formalin)4	Brushes (Debris & Sectioning86
Absorbent Pads (Disposable)4	Buffered Formalin Substitute22
Acetone31	
Anti-Roll Glass (Avantik & Leica)87	С
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Aqueous Clarifier (Optik Type 1)26	Cassettes (Sleeved)63-65
Aqueous Clarifier (Optik Type 2)28	Cassettes (SupaMega)73
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		Не
F		His
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