



Bradley Products

Worldwide supplier of high quality tissue marking dyes.



Product Catalog

Pathology • Histology • Dermatology • Mohs

Welcome

Dear Colleague,

It is with great pleasure that we provide this catalog of products developed in collaboration with Dr. Terence Davidson and the laboratory community, featuring the well established Davidson Marking System® dyes.

We are pleased to bring new products to you in the form of our new Lime color, stainless steel tray, tray for 8 oz. dyes, and Davidson® Cryocup® System options. In addition, we introduce two new lines to you – related manual staining equipment from Integrated Medical Solutions and microtome blades from C.L. Sturkey® Inc. When we work together, we are able to create efficient processes through the innovation of new products, design and technique.

We have timed the release of this catalog with the debut of a brand new website. Please visit us at www.bradleyproducts.com soon and experience a fresh new look with more user-friendly features for learning as well as purchasing.

With thanks for your continued support,

Jeffrey A. Olson, President
Bradley Products, Inc.

About Us

In 1984, Bradley Products, Inc., in collaboration with Dr. Terence Davidson, developed the original set of dyes used for tissue orienting with the Mohs procedure. The Davidson Marking System® dyes eliminated the need for suture orienting and made tissue marking processing more efficient and accurate.








For 30+ years, the following commitments have kept Bradley Products, Inc. at the forefront of the tissue marking dye industry worldwide:

- a devotion to product quality and business integrity
- a focused expertise allowing for excellence above and beyond competitors
- continuous development of additional colors, sizes, sets, accessories
- close communication with customers and understanding of current needs
- collaboration with relevant colleagues in the industry.
- an awareness for the environment, using sustainable and recyclable products wherever possible

The world can rely on Bradley Products, Inc. to continue with excellence far into the future. The top 20 cancer hospitals in the US* use our products and rely on our company. You can too. It is our commitment.

* Top 20 cancer hospitals listed by US News and World Report 2017.



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For complete product, pricing and safety information –
 For educational video or printed instructions –
 For connecting, feedback, questions and suggestions –
 For connection to our International resellers –
 Please visit our website or contact us directly.

Contact / Place an Order

Website

www.bradleyproducts.com

Email

dms@bradleyproducts.com

Phone

1-800-325-7785 (toll-free from the US and Canada)
001-952-881-1430 (International)

Fax

001-952-881-1873

The Original Tissue Marking System

THE Davidson Marking SYSTEM®

The Davidson Marking System® is the original tissue marking system, first developed for the Mohs technique, currently suitable for a variety of laboratory applications requiring orientation of tissue specimens. These specifically formulated tissue dyes:

- are suitable for both fresh and frozen tissue samples
- can be used pre- or post- fixation
- adhere to tissue throughout processing
- are clearly visible under the microscope
- can be easily distinguished from each other
- are economical and space-efficient

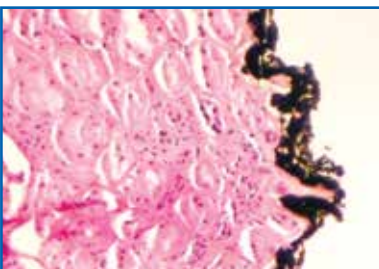
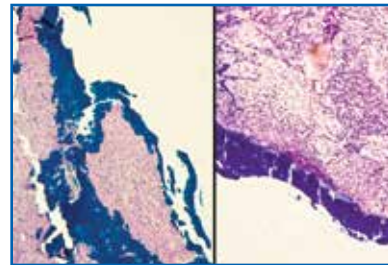
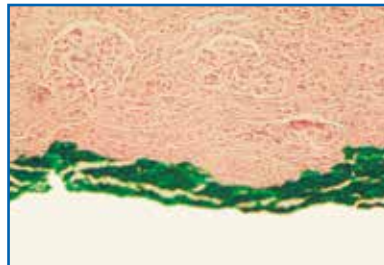
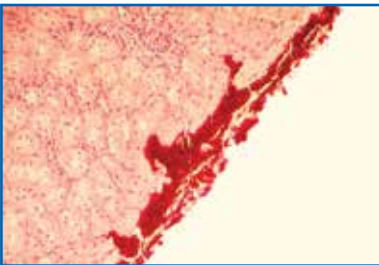


Use of The Davidson Marking System® Dyes

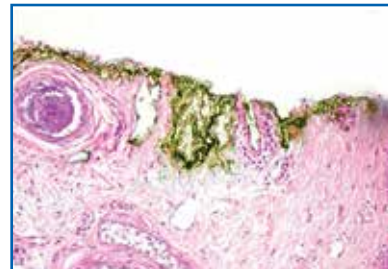
1. Shake tissue dye well before and throughout each use.
2. Carefully blot tissue to remove excess moisture.
3. Apply dye directly to desired portion of tissue using an applicator stick or brush. Do not apply excess dye as this will prolong drying time.
4. Recap bottle promptly to prevent evaporation.
5. Allow dye to dry completely (1-2 minutes). Once dry, the dye is permanently bonded to the tissue.
6. No mordant is necessary, but can be used if desired.
7. Once dry, the processing of the tissue can be performed.



Pictures of
orienting and
sectioning using
The Davidson
Marking System®.



Pictures of slides of tissue
marked with The Davidson
Marking System® dyes, sliced and
viewed under a microscope at
various magnifications.



Davidson® Dye Sets are Complete



Davidson Marking System® Complete Sets come with everything you need for tissue marking. These sets can be placed on your lab work station ready to use. Small and compact, they are easily portable and save space.

Each set includes:

- Davidson® dyes in various sizes and colors
- holding tray in plastic, wood or stainless steel
- applicator sticks
- instructions for use

Introducing NEW Stainless Steel Tray

By popular request, we introduce a **NEW** stainless steel tray that holds five (5) 2 oz. bottles of Davidson® dye.

We also introduce this **NEW** 5-Color Set.



NEW 2401-S 5-Color 2 oz Set in stainless steel tray.

A Variety of Complete Sets



2406-W DMS 6-color 2 oz. Set in wood tray



2403-P DMS 3-Color 2 oz. Set in plastic tray

Sets come with 3, 5, 6, or 7 colors and with 3cc, 1 oz. or 2 oz. dyes.

You have options for tray material as well.

Complete sets offer everything needed in one convenient location, in a small space, be it on the lab work station, shelf, or mobile unit.

The bottles of dye can be repurchased in their size to restock the set, or can be filled from our 8 oz. size "refill" bottle.

On the next pages, see how to select individual elements best suited for your specific lab and procedure needs.



1207-P DMS 7-Color 1 oz. Set in plastic tray



1007-P DMS 7-Color 3cc Set in plastic tray

W =wood tray, P =plastic tray, S =stainless steel tray g =green, y =yellow, bk =black, r =red, bl =blue, o =orange, v =violet	
2407-W, 2407-P	7-Color Sets of 2 oz. bottles of marking dye (g, y, bk, r, bl, o, v)
2406-W, 2406-P	6-Color Sets of 2 oz. bottles of marking dye (g, y, bk, r, bl, o)
2401-W, 2401-P, and NEW 2401-S	5-Color Sets of 2 oz. bottles of marking dye (g, y, bk, r, bl) (2401-S in NEW stainless steel tray)
2403-W, 2403-P	3-Color Sets of 2 oz. bottles of marking dye (customer selects colors)
1207-W, 1207-P	7 Color Sets of 1 oz. bottles of marking dye (g, y, bk, r, bl, o, v)
1007-P	7-Color Set of 3cc bottles of marking dye (3 ea of g, y, bk, r, bl, o, v)

Three (3) Tray Materials

The option to obtain individual trays and dyes allows you to put together the elements specifically needed in your laboratory. Whatever size, quantity or color you desire, it is possible.

WOOD

Our original tray made out of high quality redwood.



1877-W 7-Hole wood tray for 2 oz. bottles

PLASTIC

Made of heavy marble-like plastic, cleans up nicely and stays put on work surface.



1833-P 3-Hole plastic tray for 2 oz. bottles

NEW! STAINLESS STEEL

By popular request, we introduce our **NEW** stainless steel tray for five (5) 2 oz. bottles of Davidson® dye.



NEW 2401-S 5-Hole stainless steel tray for 2 oz. bottles



NEW 1888-P 5-Hole plastic tray for 8 oz. bottles

W=wood tray, P=plastic tray, S=stainless steel tray	
1877-W, 1877-P	7-Dye Trays for 2 oz. bottles of dye
1866-W, 1866-P	6-Dye Trays for 2 oz. bottles of dye
1873-W, 1873-P, and NEW 1873-S	5-Dye Trays for 2 oz. bottles of dye (1873-S is NEW Stainless Steel Tray)
1833-W, 1833-P	3-Dye Trays for 2 oz. bottles of dye
1817-W, 1817-P	7-Dye Trays for 1 oz. bottles of dye
1807-P	21-Dye Tray for 3cc bottles of dye
1888-W, 1888-P	NEW 5-Dye Trays for 8 oz. bottles of dye

The trays are designed with holes for the dyes as well as holes that will hold a few applicator sticks making them immediately available for use.

Many of the trays also have a small channel space in which to place the bottle caps.

Tray labels are printed with a ruler for measuring specimens and quickly recording measurements during mapping.

All tray materials are recyclable.

8 Colors – 4 Sizes – Unlimited Combinations

 GREEN

 YELLOW

 BLACK

 RED

 BLUE

 ORANGE

 VIOLET

 LIME

8 oz • 2 oz • 1 oz • 3cc



COLOR CHOICE

Surgeons and pathologists may differ, one from another, in their selection of colors. This is usually personal preference, but may also be affected by specific lab procedures.

VISCOSITY

Viscosity varies naturally from color to color and may also govern dye choice.

SAMPLES

Unsure? Ask for our 8-color sample pack and try all colors. It contains eight (8) 3cc bottles of dye, one (1) each of our eight (8) colors.

NEW! LIME COLOR

We get many requests for additional colors.

Our ability to add new colors depends on a pigment passing our high standard of quality. Our newest LIME color adheres well and is easily distinguishable from our green dye under the microscope, thus broadening orienting options.

Samples are available.



NEW 1013-A Jar of 40 3cc dye, assorted colors

Replace (x) with:	
1=green, 2=yellow, 3=black, 4=red, 5=blue, 6=orange, 7-violet, 8=lime	
3408-(x)	8 oz. dyes (1 ea.)
1163-(x)	2 oz. dyes (1 ea.)
1101-(x)	1 oz. dyes (1 ea.)
1013-(x)	3cc dyes (jar of 40 3cc bottles)
1013-A	NEW! 3cc dyes (jar of 40), assorted colors. (5 each of g, y, bk, r, bl, o, v, l)
SAMPLE	Sample pack of 8 3cc bottles - all colors

Why Choose The Cryocup® System?

The Davidson® Cryocup® System has been developed to work alongside your existing equipment such as your microtome and cryostat. There are Cryocup® Systems compatible with Leica, Microm (Avantik), Sakura and Thermo-Shandon equipment.



The Cryocup® System:

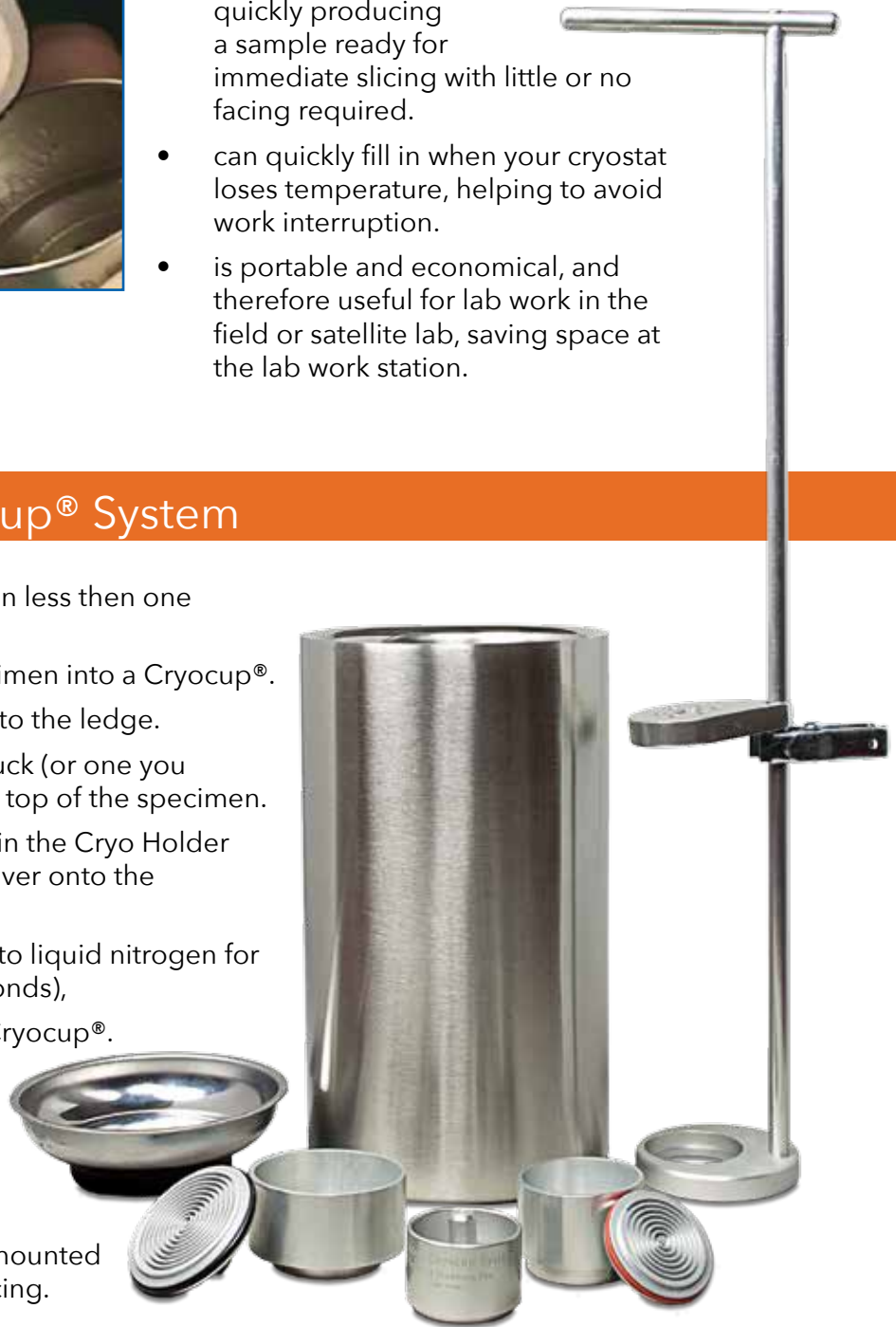
- facilitates perfect flattening of oriented tissue specimens during freezing, quickly producing a sample ready for immediate slicing with little or no facing required.
- can quickly fill in when your cryostat loses temperature, helping to avoid work interruption.
- is portable and economical, and therefore useful for lab work in the field or satellite lab, saving space at the lab work station.

Use of The Cryocup® System

This process can be done in less than one minute per specimen:

1. Place dyed specimen into a Cryocup®.
2. Fill with OCT up to the ledge.
3. Place a Cryo Chuck (or one you already have) on top of the specimen.
4. Place Cryocup® in the Cryo Holder and lower the cover onto the Cryocup®.
5. Dip Cryocup® into liquid nitrogen for freezing (10 seconds),
6. Drain. Remove Cryocup®.
7. Warm Cryocup® slightly to release tissue specimen.

Notice perfectly flattened specimen, already faced, mounted on chuck and ready for slicing.



The Davidson® Cryocup® System makes the work of frozen tissue preparation:

- more efficient
- more accurate
- more portable
- more economic

We encourage you to visit our web site, navigate to the video instruction page and find the video showing how the Cryocup® improves your lab.

Keep your samples frozen on the chucks and in the Cryocup®, placed in our stainless steel tray inside your cryostat. (30mm cups fit in 2401-S tray).



Guidelines for Choosing Davidson® Cryocup® Products

B = BPI: Compatible with most Leica, Sakura and old style Thermo-Shandon equipment

M = Microm (Avantik): Compatible with Microm equipment

L = Leica: Specifically designed for the Leica 40mm chuck

Size: Base size choice on the size of chuck you may already have with your equipment, or the size of specimens you typically process.

Cryocup® Complete System	
Includes holder, 3 Cryocup®, nitrogen reservoir, water basin. (chucks are not included)	
Cryo Sys 30B	30mm system for BPI and Leica 30m chucks
Cryo Sys 30M	30mm system for Microm 30mm chucks
Cryo Sys 40B	40mm system for BPI 40mm chucks
Cryo Sys 40L	NEW 40mm system for Leica 40mm chucks
Cryo Sys 40M	40mm system for Microm 40mm chucks
Cryo Sys 50B	50mm system for BPI 50mm chucks (compatible with Leica)
Cryocup® Holder (includes dipper, cover and clip)	
Cryo Holder 30B	30mm holder for BPI, Leica (small cover, small hole)
Cryo Holder 30M	30mm holder for Microm (small cover, large hole)
Cryo Holder 40/50B	40-50mm holder for BPI, Leica (large cover, small hole)
Cryo Holder 40M	40mm holder for Microm (large cover, large hole)
Cryocup®	
Cryocup® 30MB	30mm cup for BPI, Leica, Microm 30mm chucks
Cryocup® 40B	40mm cup for BPI, Leica 40mm chucks
Cryocup® 40M	40mm cup for Microm 40mm chucks
Cryocup® 50B	50mm cup for BPI 50mm chucks
Cryocup® Chucks	
Cryo Chuck 30	30mm chuck
Cryo Chuck 40	40mm chuck
Cryo Chuck 50	50mm chuck



Quality Accessories Make all the Difference!

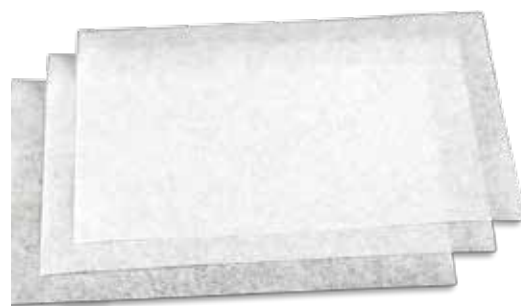
We understand the importance of good quality tissue marking dyes in laboratory processing. We also understand the importance that quality tools and accessories play in the accuracy and efficiency of lab work.

Select un-tipped or tapered sticks for the smallest specimens and brushes for the largest specimens. Choose cassette papers to keep needle biopsy specimens intact in a cassette during processing.

Davidson® Small Specimen Kit



6601 Davidson® Small Specimen Kit



6605 Cassette Papers

The Davidson® Small Specimen Dyes are formulated for two main purposes:

1. Aid in locating a small specimen after processing.

Prior to processing a small needle or punch biopsy, color it completely using the Davidson® Small Specimen dye. Wrap it in a cassette paper before placing it in the cassette. When processing is complete, it will be much easier to locate it in the cassette paper.

2. Process multiple small specimens together.

Make small tissue processing 3x faster by dying up to three small specimens different colors and processing them together. They are easily distinguishable after processing.

To further speed up the process, consider a processing basket that holds multiple cassettes (Related Equipment, pg. 13-14).

Applicator Sticks / Brushes / Brush Caps

A variety of applicators are offered. Using the right applicator when applying dye to tissue for orienting increases accuracy.



8554 Brush Caps for 2 oz. bottles

The Brush Caps fit on our 2 oz dye bottles making an applicator always available.



8553 un-tipped applicator sticks



8556 cotton-tipped, rounded applicator sticks



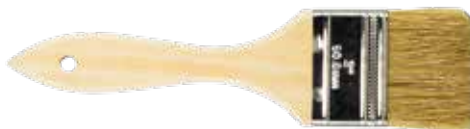
7399 wide mouth jar and brushes



8555 cotton-tipped, tapered applicator sticks



8557 1" brush



8558 2" brush

For large specimens, consider Item 7399 which includes a 16 oz empty wide mouth jar and brushes. Pour Davidson® dye into the wide mouth jar making it more accessible by the larger brush.

6601	Davidson® Small Specimen Kit 3 - 1 oz. bottles of Small Specimen dye (g, r, bl) in tray with cassette papers
8553	500 applicator sticks (10 packs of 50)
8554	Brush caps for 2 oz bottles (bag of 10)
8555	250 tapered end cotton tipped applicator sticks (10 packs of 25)
8556	250 rounded end cotton tipped applicator sticks (10 packs of 25)
8557	1 inch brushes (bag of 25)
8558	2 inch brushes (bag of 25)
7399	10-1 inch brushes + 1-16 oz empty wide mouth jar (for use with larger specimens)
6605	500 cassette papers (refill)

New Equipment Lines – IMS (Integrated Medical Solutions) and C.L. Sturkey® Inc.

We are happy to introduce new lines of equipment related to the process of tissue marking. Collaborations with Integrated Medical Solutions and C.L. Sturkey makes these lines a reality. Many of these items “bridge the gap” between the large, expensive equipment, and the simpler, manual procedures occurring in the mobile laboratory industry. As always, your feedback regarding these new products is invited.

IMS Manual Staining Equipment



8701 IMS Manual Staining System

This portable and compact manual staining system has twelve (12) interchangeable wells in a metal tray.

It is compatible with both slide racks offered, one plastic, one stainless steel.



8730 IMS Slide Rack,
25 capacity, stainless

C.L. Sturkey® Microtome Blades



8559-SL	Silver Low Profile blades
8559-SH	Silver High Profile blades
8559-EL	Extremus Low Profile blades
8559-EH	Extremus High Profile blades
8559-IL	Infinity Low Profile blades
8559-IH	Infinity High Profile blades

Guidelines for choosing Sturkey® blades:

- 8559** Sturkey® blades, pkg of 50
S Silver (standard)
E Extremus (for hard & soft tissue)
I Infinity (durable, triple faceted cutting edge)
H High (wide)
L Low (narrow)

IMS Slide Baskets / Racks / Holders

For complete descriptions and pictures of all of our new Related Equipment offerings, please visit us at our website or contact us directly. Watch for additions to this page in the future as we seek to expand further.



8740 IMS Heat Extractor
with Knob /
8741 IMS Heat Extractor
Small



8710 IMS Tissue Processing Basket
(Sakura-type)



8720 IMS Slide Basket
30 capacity stainless /
8721 IMS Staining Dish
and Cover for 8720 IMS



8750 IMS Fine Needle
Aspiration Device

Manual staining, while compact and portable, can often seem tedious. Having the right manual equipment can create more efficient work.

Each new product on this page helps to maximize accuracy, speed, economy, and portability.

We hope the fact that they are now offered alongside our established products will also make ordering easier for you.

8701 IMS	Manual Staining System, 12 wells
8710 IMS	Tissue Processing Basket (Sakura-type)
8711 IMS	Tissue Processing Basket (Leica-type)
8720 IMS	Slide Basket, 30 capacity, stainless
8721 IMS	Staining Dish with Cover for Slide Basket
8730 IMS	Slide Rack, 25 capacity, stainless
8731 IMS	Slide Rack 25 capacity, plastic
8740 IMS	Heat Extractor, stainless with knob
8741 IMS	Heat Extractor, stainless, small
8742 IMS	Heat Extractor, stainless, tall
8750 IMS	Fine Needle Aspiration Device
8760 IMS	PM Kit for Leica Knife Holder
8770 IMS	Forceps 6", serrated tip
8799 IMS	Grossing Board

Worldwide supplier of high quality tissue marking dyes.

"I was still using sutures because the dyes we previously used didn't stick. Then I heard about Bradley Products, Inc. and The Davidson Marking System® tissue dyes. Finally something that works. And their customer service is great!"

– Ellie, Surgical Tech



THE
Davidson Marking
SYSTEM®

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