

# CRYO-GEL®

## ULTIMATE FROZEN SECTION EMBEDDING MEDIA!

Cryo-Gel® is formulated to address some of the common challenges experienced with frozen section embedding. It eliminates the messiness of “runny” media. The gel is packaged in a pump dispenser plastic bottle that can instantly dispense the gel in any position even till the last drop. The dispenser is designed with a built in guillotine that cleanly severs the gel from the pump spout and prevents any “stringy” medium from pulling away when the bottle is removed.

- Supports tissue during freezing
- Replaces traditional “runny” embedding media
- High viscosity keeps tissue in position
- Excellent for tissue orientation
- Ideal for freezing Mohs marked skin
- Convenient pump dispenser
- No mess-No waste



**EASY TO USE! STAYS PUT!  
WON'T RUN! NO WASTE!**



**Block Holders**  
This deep-waffled large face Blockholder securely anchors embedding medium or tissue.

**Microtome Chuck Adapter**  
Fits into the microtome chuck for use with Instrumedics' Blockholders (sold separately).

PART #	ITEM
475237	Cryo-Gel®
475239	Blockholders
475240	Microtome Chuck Adapter

Instrumedics, Inc. | Tel: 314-522-8671  
5918 Evergreen Blvd. | Fax: 314-522-6360  
St. Louis, MO 63134 | Email: info@instrumedics.com



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# CRYO-JANE

## FROZEN SECTION TAPE TRANSFER SYSTEM



### Frozen Sections:

- **Permanently bonded to microscope slide**
- **Ideal for serial sectioning**
- **Morphology Preserved**
- **Wrinkle-free & uncompressed**
- **Full section INTACT**

The Cryo-Jane® Tape-Transfer System achieves frozen sections of paraffin-quality as thin as 2 microns, wrinkle-free, uncompressed, fully intact and permanently bonded to the microscope slide... in less than 1 minute. The frozen section is captured on a cold tape window as it is being cut and is then transferred to a cold adhesive-coated slide.

The adhesive on the slide is polymerized into a plastic layer, securely anchoring the still frozen section to the slide. The section on the slide is now ready for fixation and/or staining. Indispensable for sectioning Frozen Tissue Arrays.

### Cryo-Jane® Advantages

Thin Sections help clarify structural relationship and reveal greater morphological detail. Cryo-Jane® Tape Transfer is an ideal solution for many applications that require perfectly thin sections. The Cryo-Jane® method assures the tissue sections can be maintained unflawed EVEN AFTER MOUNTING.

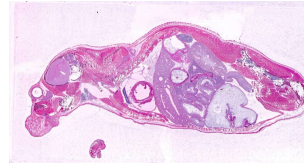
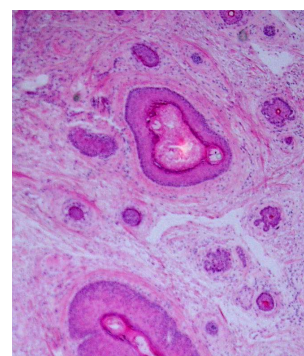
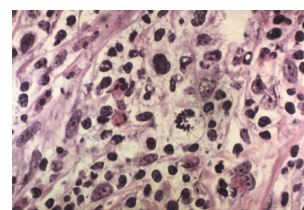
Sections can be freeze-dried in the cryostat in about ten minutes or freeze-substituted in as little as ten seconds and then fixed "anhydrously" to preserve virtually all fine structure present in the snap frozen block of tissue. Water-soluble enzymes, antigens and nucleo-proteins are also preserved in-situ, and with appropriate fixation and staining, true localization of enzyme and antigen activity can be visualized. The bond between the section and the slide is resistant to proteases, alkali and acids.

### Cryo-Jane® Applications

- Histological stains
- Fast immuno stains
- In-situ hybridization
- Immunofluorescence
- Laser Microdissection (LCM & LM)
- Frozen tissue arrays and other molecular diagnostic studies

PART #	ITEM
475205	Cryo-Jane® Tape-Transfer System 110 V
475206	Cryo-Jane® Tape-Transfer System 220 V

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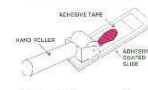
### STEPS IN THE CRYO-JANE® TAPE-TRANSFER PROCESS

#### CUTTING



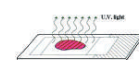
A cold adhesive tape is used to support the section as it is cut.

#### TRANSFER TO SLIDE



The still frozen section, adhered to the tape is rolled onto the cold adhesive coated slide.

#### CURING THE ADHESIVE COATING



An ultraviolet flash converts the adhesive coating into a hard solvent-resistant plastic.

#### REMOVAL OF TAPE



The tape is then peeled away leaving the section tightly bonded to the plastic layer.



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# CRYO-VAC-AWAY®

## CRYOSTAT VACUUM SYSTEM



### The Cryo-Vac-Away® System Can Be Installed in Virtually All Cryostats !

Cryo-Vac-Away® cryostat vacuum system is an innovative way to keep your cryostat spotless and reduce risk of biohazards with infectious material.

Cryo-Vac-Away® adapts to virtually all cryostats. Debris is captured as it is generated through a collection nozzle and is stored into a triple stage filter system.

Pathogens are kept away from the user substantially reducing the biohazard risks associated with sectioning infectious material.

#### THE CRYOSTAT REMAINS SPOTLESS!!!

- Easy to install in virtually any cryostat
- Makes decontamination a SNAP!!!

## CRYO-VAC-AWAY® ACCESSORIES



Knife facet wipers effectively cleans both facets of knife edge without dulling the blade.



Disposable double filter is kept cold in the cryostat chamber to collect and store debris as it is generated.



Rated to be more than 99.9% effective in filtering bacteria and viral particles that may escape the double filter system of the Cryo-Vac-Away® filter.

PART #	ITEM
475247	Cryo-Vac-Away, 110V
475248	Cryo-Vac-Away, 220V
475212	Knife Facet Wipers
475249	Bacterial Cryo-Filters
475248	Cryo-Filters

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