



Pathology Innovations LLC

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Precision Cryoembedding System

Frozen sections become a work of art!

The System

The faster and more efficiently a user can execute a frozen section, whilst minimizing artifacts, the faster they can respond with a diagnosis, leading to better patient outcomes. The Peters Precision Cryoembedding System, by Pathology Innovations, is a combination of simple techniques and an apparatus for embedding tissues for frozen sections. Used by thousands of laboratory medicine professionals globally, it allows a level of control and predictability that can surpass even formalin-fixed, paraffin-embedded tissue.

Samples are embedded directly into a stainless steel well bar, then covered with an embedding medium and a cryostat chuck. An over-chuck freezing block aids in decreasing tissue freeze time and contributes to even leveling of the chuck with respect to the deep margin of the tissue.

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Benefits

- With a freezing time of 20 to 60 seconds, multiple samples are handled quickly with the Peters Precision Cryoembedding System.
- Flat or on-edge embedding allows precise and predictable orientation, with reduced tissue waste. Liquid samples are easily embedded, with no crush artifact caused by heat extractor weight, and small samples are embedded in the same plane.
- The easy-to-learn system requires few cryostat adjustments and is comfortably performed on a shelf inside most cryostats or can easily be removed to embed at eye level.

The Peters Precision Cryoembedding System was developed by pathologists, for pathologists and has been adopted by thousands of labs worldwide because it's fast, precise, and easy to learn.

Testimonial

"I couldn't believe the ease with which the well bars allowed me to get my tissue completely flat. I fell in love with this system the very first time I used it."

Andrea M. Gualtieri BS, HTL (ASCP)-Path Lab and Mohs Consultants, LLC.

2024 Product List

Well Bar Sets

Complete Well Bar Set

Three well bars (18mm, 24mm, 30mm), 6 small chucks, 4 large chucks, 4 over-chuck freezing blocks, chuck bin, 16 dispensing slides, cutting board/freezing griddle, elevated freezing block and accessories.

Medium Well Bar Set

One 24mm well bar, 4 small chucks, 2 over-chuck freezing blocks and 8 dispensing slides.

24/30 Well Bar Set

One well bar with (2) 24mm wells and (2) 30mm wells, 2 large chucks, 2 small chucks, 2 over-chuck freezing blocks and 8 dispensing slides.

20x20 Deep Well Bar Set

One 20 x 20mm deep well bar, 4 small chucks, 2 over-chuck freezing blocks and 8 dispensing slides.

Large Well Bar Set

One 30mm well bar, 4 large chucks, 2 over-chuck freezing blocks and 8 dispensing slides.

Small Well Bar Set

One 18mm well bar, 4 small chucks, 2 over-chuck freezing blocks and 8 dispensing slides.

50/30 Well Bar Set

One 50 x 30mm well bar and two 55 x 35 mm chucks.

Freezing Griddle & Elevated Freezing Block Set

Surface for preparing frozen sections.

Well Bars

30mm Well Bar

24mm Well Bar

18mm Well Bar

10mm Well Bar

30+24mm Well Bar

50x30mm Well Bar

20x20mm Deep (9mm) Well Bar

24x24mm Deep (9mm) Well Bar

Chucks & Accessories

Small Chuck (28mm)

Large Chuck (36mm)

X-Large Chuck (55x36mm)

Over-chuck Freezing Block

Chuck Bin

Dispensing Slides (8)

Frozen Section Brushes (6)

Made for pathologists, by pathologists.

All Well Bars and Chucks are made in the USA with high quality stainless steel to deliver optimal freezing times.

Pathology Innovations, LLC
Learn more at pathologyinnovations.com