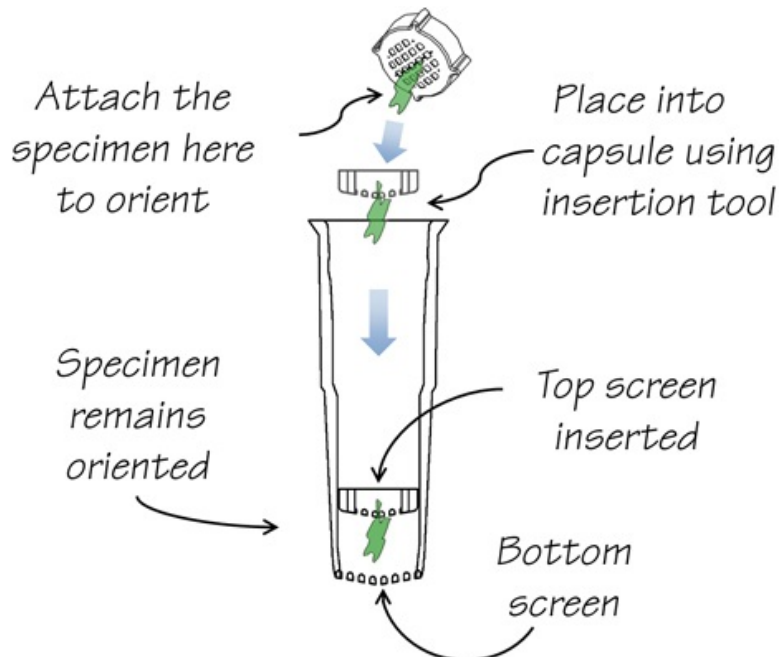


Patented **mPrep/s™** capsules are used for processing and embedding of biological samples, as well as storage of embedded specimens. Each capsule includes a specially designed micromolded top screen to retain and orient — if desired — the specimen. Here's how it works:

1. Specimen is inserted into the mPrep/s capsule and held in place by the insert. A special tool is provided to facilitate insertion.
2. If required, specimen orientation is easily achieved. Simply "pinch" the back of the sample in the insert or place it on the insert in the desired orientation. Once inserted, it will be gently held in place within the capsule. If orientation is not required, just drop specimen into the capsule and place the insert over it.
3. Capsule is labeled with barcode or human-readable label.
4. Capsule is fitted on a micropipetter for fluid processing steps, from fixation through resin exchanges.
5. Capsule is removed for polymerization.
6. Trim and section block right through mPrep/s capsule.
7. Store block in clearly labeled mPrep/s capsule.



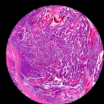
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Easier specimen preparation



Benefits of Using mPrep/s™ Capsules for Specimen Preparation

- ◆ Specimen can be oriented prior to or during processing
- ◆ Less specimen handling saves labor and reduces damage
- ◆ Consistent high quality results
- ◆ Integrated labeling for improved sample tracking and greater personnel time efficiency
- ◆ Intrinsically GLP compliant
- ◆ Reduces supplies and reagent costs – cuts waste volume
- ◆ Pays for itself by reducing reagent consumption by 75% or more



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mPrepTM System

The **mPrepTM System** is a new concept for gaining personnel efficiency, improving quality and reducing cost in microscopy and histology laboratories.

This flexible system for processing and storing microscope specimens offers significant benefits to labs of any size, without requiring users to change established protocols.

At the heart of the system are patented, micromolded processing capsules: **mPrep/sTM** capsules for fixation and embedding steps and **mPrep/gTM** capsules for staining and archiving TEM grids. Processing takes place inside the capsule attached to a micropipettor, which provides a clean, efficient way to introduce fluids. (Use multichannel or automated pipettors to handle more specimens.)

Sample tracking is made simple. Labels are provided for each capsule to provide a unique barcode or human-readable identity. The mPrep System reduces the likelihood of losing, damaging or mixing up specimens. Fewer expensive re-do's are required. Documentation for GLP or CLIA compliance is effortless.

Cost advantages result from greatly reduced reagent volumes, using less disposable labware and significant labor savings in both processing and documentation.

So, if you want to work more efficiently, reduce costs and cut down on environmental waste ... try the mPrepTM System!

For product instructions and additional information,
visit our website www.microscopyinnovations.com

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