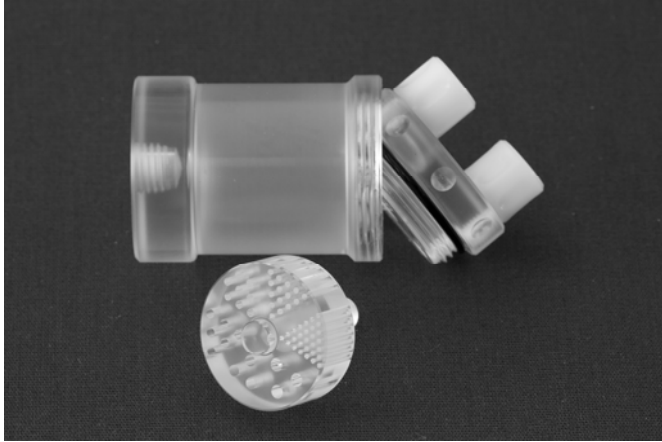


Ultra-Micro Phantoms™



Components of Ultra-Micro Hot Spot Phantom™

Ultra-Micro Hot Spot Phantom™ Model ECT/HOT/UMMP

Main Applications:

- For use with high spatial resolution SPECT and PET Systems (less than or equal to 76 mm FWHM)
- System resolution test for high contrast structures
- Acceptance testing
- Routine quality, assurance and control
- System performance evaluation
- Research

Specifications for Cylinder:

Cylinder overall outside diameter: 3.50 cm

Cylinder inside diameter: 2.8 cm

Cylinder inside height: ~2.8cm

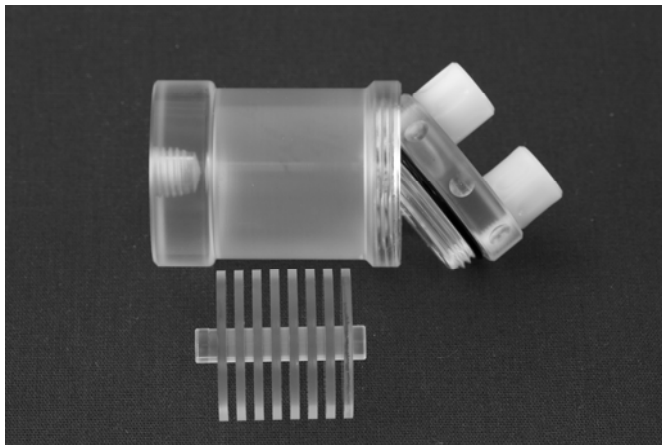
Cylinder outside height: ~5.5 cm

Diameter of Insert: 2.70 cm

Inside height of channel area: .99 cm

Diameter of hollow channels: .75, 1.0, 1.35, 1.7, 2.0, and 2.4 mm

Center-to center spacing of channels: Two times the diameter



Components of Ultra-Micro Defrise Phantom™

Ultra-Micro Defrise Phantom™ Model ECT/DEF/UMMP

Main Applications:

- Very small animal system evaluation (with a field-of-view greater than 76 mm)
Evaluation of ultra-high resolution ECT systems (less than or equal to 76 mm FWHM)
- Evaluation of slice profile uniformity, along longitudinal axis of an ECT system
- Evaluation of ultra-high resolution, fan-beam, cone-beam and pinhole collimation
- Research

Specifications for Cylinder:

Cylinder overall outside diameter: 3.50 cm

Cylinder inside diameter: 2.8 cm

Cylinder inside height: ~2.8cm

Cylinder outside height: 5.5 cm

Specifications for Defrise:

Disk diameter: 2.7 cm

Disk thickness: 1.62 mm

Gap thickness: 1.62 mm

Number of solid disks: 8

Volume with insert in place: ~ 9 mL

Specifications are subject to change without notices