

Small Jaszczak SPECT Phantom™

Model ECT/SM/P

Main Features

- For use with high spatial resolution SPECT systems.
- Cylinder Twist and Lock lid design

Main Applications

- System performance evaluation (collimator, artifacts, calibration, reconstruction parameters).
- Acceptance testing
- Routine quality assurance and control
- Evaluation of center-of-rotation error
- Evaluation of non-uniformity artifact
- Evaluation of changes of radius-of-rotation on spatial resolution
- Evaluation of reconstruction filters on spatial resolution
- Evaluation of attenuation and scatter compensation
- Research
- **ACR recommended phantom for small field of view dedicated cardiac SPECT systems (Camera Specific)**



Components of the Small Jaszczak SPECT Phantom™

Specifications of Cylinder

Overall length: ~ 230 mm
 Inside diameter: ~ 139 mm
 Outside Diameter: ~ 153 mm
 Wall thickness: ~ 6.4 mm
 Inside length: ~ 150 mm

Specifications of Insert

Cold Rod diameters: 4.8, 6.4, 7.9, 9.5, 11.1 and 12.7 mm*
 Height of cold rods: ~ 40 mm

Specifications of Spheres

Solid sphere diameters: 6.4, 9.5, 12.7, 15.9, 19.1, and 25.4 mm
 Distance from sphere center to mounting surface: 78 mm
 Sphere circle pattern diameter: 97 mm
 Angular Spacing: 60°

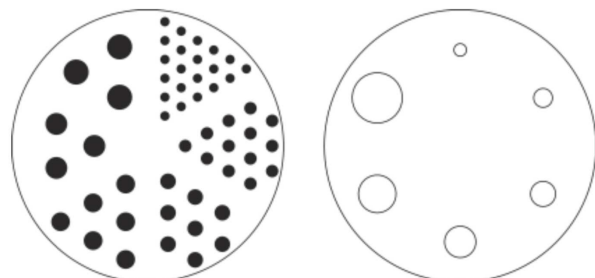
Shipping

Carton: 13" x 13" x 13" Weight: 6lbs.

**For more details see Cold Rod Inserts*



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