

NEMA SPECT Triple Line Source Phantom (NU 1-2018)[™]

Model ECT/NEMA-TRI/P

Main Features

- The NEMA SPECT Triple Line Source Phantom[™] is designed in accordance with the recommendations by the National Electrical manufacturers Association (NEMA) to standardize the measurement of reconstructed spatial resolution of SPECT*

Main Applications

- Acceptance testing with NEMA standard
- Center-of-rotation error evaluation
- Evaluation of changes of radius-of-rotation on spatial resolution
- Quantitative evaluation of reconstruction filters and scatter compensation methods
- Research

Specifications

Clear material is PMMA

Cylinder outside diameter: ~ 222 mm

Cylinder inside diameter: ~ 202 mm

Cylinder outside height: ~ 238 mm

Cylinder inside height: ~ 200 mm

Diameter of line sources: ~ 1 mm

Spacing of Line Sources: ~ 75 mm

Useful Height of Line Sources: 184 mm

Shipping

Carton: 13" x 13" x 13" Weight: 8lbs.

**Performance Measurements of Scintillation Cameras, NEMA Standards Publication No. NU 1, National Electrical Manufacturers Association (NEMA), Washington, D.C., 2018.*



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