

RSD

Radiology Support Devices, Inc.

PET/SPECT IQ Phantom



Product Features & Benefits

Modular Derenzo Rod Pattern: Six rod sector inserts are independently replaceable with standard or custom-diameter rods — a configuration not available in conventional Mini Jaszczak designs

Modular Sphere System: Individually replaceable spheres support solid (cold), custom-diameter, or fillable (hot) configurations for hot-sphere contrast studies

Mini Jaszczak Compatible: Dimensionally compatible with standard Mini Jaszczak specifications when using standard inserts, supporting direct replacement

Bubble Trap Lid: Two integrated bubble traps reduce fill-related void artifacts; double as lid removal handles

Acceptance Testing & QA: Establish baseline performance metrics at installation and monitor system drift, calibration stability, and specification compliance over time

Performance Analysis: Supports non-uniformity artifact analysis, COR error measurement, attenuation/scatter correction evaluation, and reconstruction filter characterization

MINI JASZCZAK COMPATIBILITY, MODULAR DESIGN, AND TOTAL CONFIGURABILITY

RSD's PET/SPECT IQ Phantom delivers the measurement capabilities of a standard Mini Jaszczak phantom with a fully modular sphere and rod pattern architecture — a first in its class. Individually replaceable sphere and Derenzo rod inserts allow users to configure the phantom for standard protocols or customize insert sizes for specific research and clinical applications. Integrated bubble traps reduce fill-related void artifacts for cleaner image acquisition. Suitable for acceptance testing and ongoing QA programs in clinical and research settings.

Standards Compliance

NEMA NU 1-2023: Performance Measurements of Gamma Cameras | **AAPM Report No. 9:** Computer-Aided Scintillation Camera Acceptance Testing | **AAPM Report No. 22:** Rotating Scintillation Camera SPECT Acceptance Testing and Quality Control

Specifications

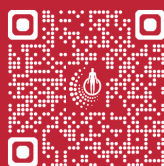
- 139.7 mm Inner Diameter x 150 mm Height x 6.4 mm Wall

Accessories

- Comprehensive Product Manual
- Sturdy Carrying Case

Model Number

QA-NM010: PET/SPECT IQ Phantom



RSDphantoms.com

Call: 310-518-0527