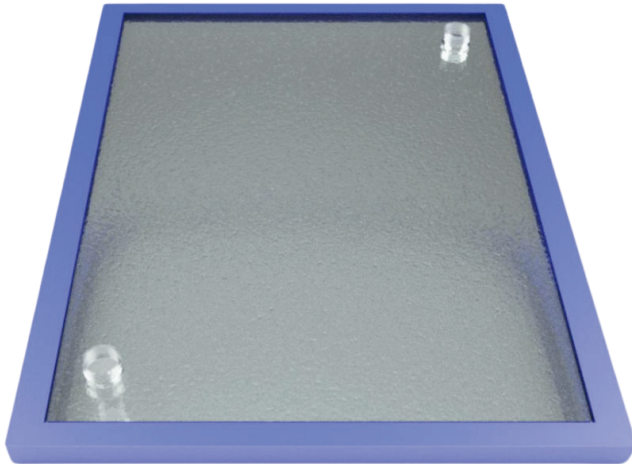


RSD

Radiology Support Devices, Inc.

Refillable Gamma Flood Phantom



Product Features & Benefits

Uniformity Testing: Consistent flood field to evaluate gamma camera uniformity, ensuring accurate image quality

High-Quality PMMA Construction: Durable, lightweight, and designed for long-term reliability in clinical settings

Easy To Fill with Leak-Proof Design: Quick and efficient filling mechanism for radiopharmaceutical solutions with secure seals to prevent solution leakage

Precise Internal Geometry: Ensures even liquid distribution, producing a uniform radiation field for accurate system calibration

Versatile Compatibility: Suitable for a wide range of gamma cameras and SPECT systems, offering flexible application

Lightweight and Portable: Easy to transport and handle, ideal for use across multiple imaging rooms

ESSENTIAL FOR GAMMA CAMERA DETECTOR HOMOGENEITY & PERFORMANCE

The RSD Refillable Gamma Flood Test Phantom is specifically designed for quality assurance (QA) of detector homogeneity in gamma cameras. This phantom provides a reliable method for assessing uniformity and performance across the detector, ensuring accurate and consistent imaging results. Its refillable design allows for flexible use with various imaging systems, making it an essential tool for routine calibration and maintenance in gamma camera systems.

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 | **ACR-SNM (Res. 5-2011):** Technical Standard for Diagnostic Procedures Using Radiopharmaceuticals

Specifications

- External Dimensions: 460 mm x 580 mm x 25 mm
- Cavity Dimensions: 410 mm x 530 mm x 13mm

Accessories

- Sturdy Carrying Case

Model Number

QA-NM020: Refillable Gamma Flood Phantom