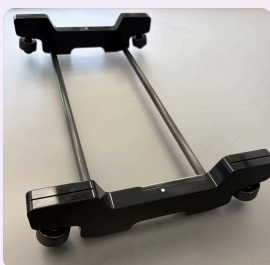




IsoCradle

Multimodality QA Phantom Support Device



PRODUCT OVERVIEW

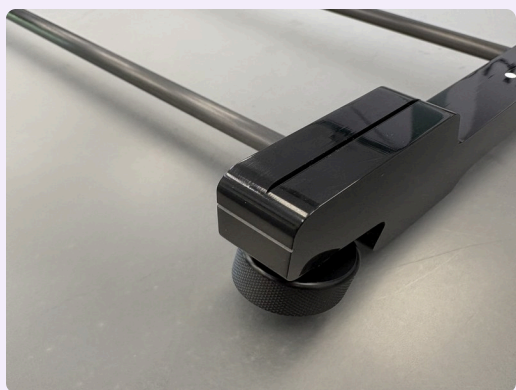
The IsoCradle is a lightweight, precision phantom support device engineered to standardize quality assurance (QA) workflows across multiple modalities. It provides a rigid, consistent platform for phantom placement, eliminating the need for improvised positioning aids like foam wedges or tape.

TECHNICAL SPECIFICATIONS

Modalities	CT, PET/CT, SPECT/CT, and SPECT
Materials	18 mm Acrylic (End Plates) / 11 mm Ø Carbon Fiber Tubes
Load Capacity	14 kg (31 lb)
Phantom Size	Maximum L 34 cm
Dimensions	375 mm (L) x 225 mm (W) x 65 mm (H)

CORE PERFORMANCE FEATURES

- Reproducible Positioning**
Integrated PTFE center-alignment fiducial markers and axial/coronal laser alignment guides ensure precise isocenter alignment.
- Workflow Optimization**
Standardizes QA procedures, reducing physicist and technologist QA workload.
- Adaptability**
Four adjustable anti-slip leveling knobs allow couch-surface leveling, providing a secure base for varied phantom sizes.



PRECISION END PLATE DETAIL

The IsoCradle end plates are precision-machined from 18 mm black acrylic and include 2.0 mm laser alignment guides on the top and sides for axial and coronal phantom positioning. Knurled leveling knobs provide secure four-point adjustment on scanner couch surfaces. PTFE fiducial markers provide high-visibility reference points for isocenter alignment in CT, PET/CT and SPECT/CT imaging.

⚠ **Important:** This device is a **positioning aid only**. Do not use the IsoCradle to transport phantoms. Always secure and carry phantoms independently using appropriate handling equipment. **Not for use in the MRI environment.**

