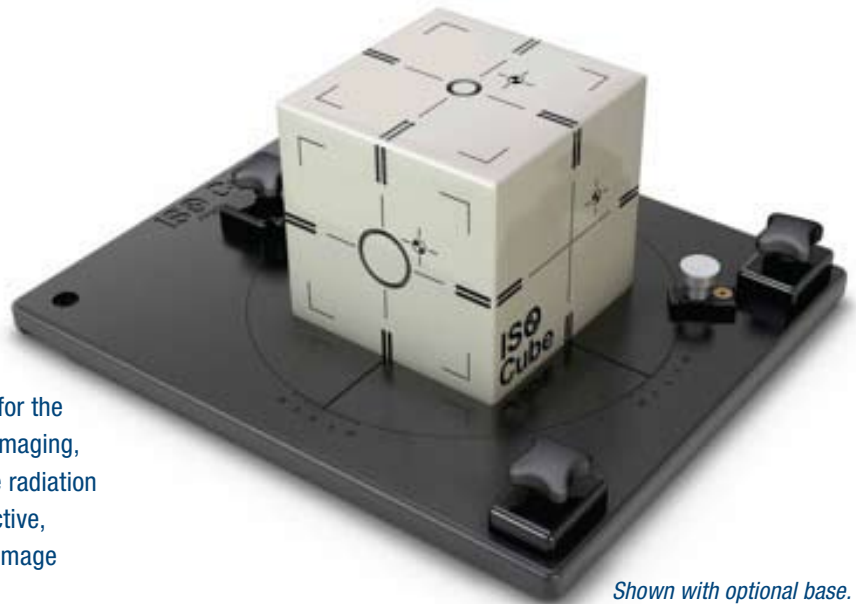


ISO Cube™ Daily QA Phantom Model 023

Target positioning through imaging guidance is critical for the accurate delivery of radiation treatment. Verifying the imaging, localization and targeting systems are aligned with true radiation isocenter is crucial. The ISO Cube provides a cost effective, quick and accurate means of testing the radiation and image guidance system isocenter.

The ISO Cube was designed for daily system checks. The lasers and light field can be tuned to the true radiation isocenter using the engraved markings on the exterior of the ISO Cube. The light field and radiation field alignment can be checked using integral radiographic markers. The isocenters of the ODI and the EPID can be checked for true spatial alignment and coincidence with that of the treatment beam.

The ISO Cube uses a unique center point fiducial and an offset target to insure the table offset coordinates generated by kV or MV imaging are accurate. The exterior is machined with concentric circle targets to allow user to objectively assess all setup errors, including rotations, and to easily align the phantom to the true radiation isocenter.



Shown with optional base.

Features

- ▶ Unique shell fiducials produce sharp clear images in EPID, kV and CBCT imaging
- ▶ Offset fiducial checks accuracy of couch corrections
- ▶ Accurately Checks
 - Laser alignment
 - Light field size
 - Radiation field/light field alignment
 - ODI accuracy
 - Table height
 - kV and MV imager coincidence
 - CBCT process accuracy

Specifications

Overall Dimensions12 cm x 12 cm x 12 cm
(4.75" x 4.75" x 4.75")
Weight.....1.7 kg (3.9 lbs.)
MaterialsPlastic Water®