

Long term
reputation in
the medical
industry.

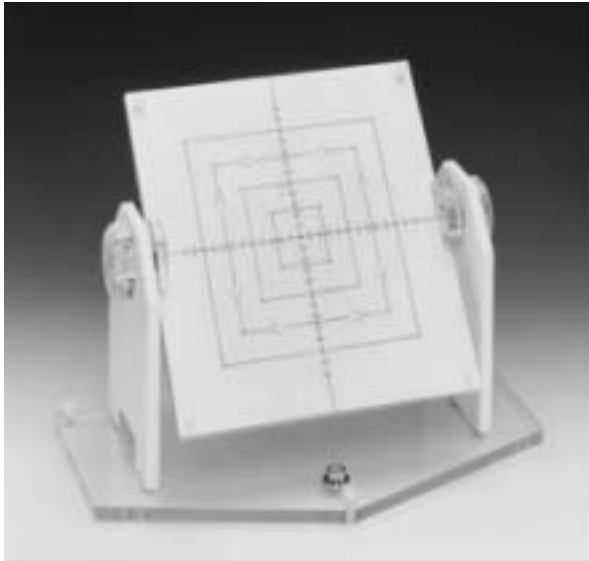
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Precision Isocentric QC Beam-Checker II

This precision quality control tool is ideal for daily, weekly and monthly quality control assessments of all mechanical and geometrical parameters of linear accelerators or teletherapy units.

The Precision Isocentric Beam Checker II consists of a large opaque acrylic screen backed by a secondary plate, both supported by two uprights. The screen is inscribed with lines precisely defining the corners, edges and center of the screen's 10 x 10 cm and 20 x 20 cm fields. Intersecting center lines are inscribed with short lines spaced

1 cm apart. The screen can rotate about its axis in increments of 45°. Tungsten markers of 2 mm in diameter are embedded in the center and corners of the fields. A 10 x 12 inch ready-pack film can be sandwiched between the two plates. When exposed, the tungsten markers project a sharp image on the film, thus eliminating the inaccuracy and need to prick holes into the film. The device's acrylic base-plate has an attached bubble level and non-slip leveling legs that allow it to be quickly and conveniently set up for use.

For checks of:

- Radiation and light-field congruence
- Collimator isocentricity
- Collimator field-size accuracy
- Gantry isocentricity
- Table isocentricity
- ODI accuracy
- Isocenter rotational stability
- Laser alignments

Specifications

Material White and clear acrylics

Markers Tungsten spheres; 2 mm Ø

Screen dimensions 12 x 12 in (30.5 x 30.5 cm)

Overall dimensions 6 (w) x 18 (d) x 13 in (h)
(15.2 x 45.7 x 33 cm)

Weight 6.1 lb (2.7 kg)

Available model(s)

37-731 Precision Isocentric Beam-Checker II