



Pro-RT IsoBeam

07-201



This is a **multifunctional, precision quality assurance tool** for daily, weekly or monthly quality assessments of **all mechanical and geometrical treatment parameters of linear accelerators or teletherapy units**

It is designed to easily and accurately check **collimator isocentricity, gantry isocentricity, table isocentricity, collimator field size accuracy, radiation/light field congruence, isocenter rotational stability, ODI accuracy** and **laser light alignments**

Technical data (can be modified to customer specifications):

- overall dimensions: 203 x 457 x 330 mm
- screen
 - 305 x 305 mm
 - 2 opaque PMMA plates
 - space for 25 x 30 cm film
 - inscribed with lines precisely defining corners, edges, and centers of screen
 - field sizes: 2 x 2 mm, 50 x 50 mm, 100 x 100 mm, 150 x 150 mm and 200 x 200 mm
 - center lines scribed with short lines 10 mm apart
 - tungsten markers 2 mm in diameter in the center and corners of the field
 - can rotate 360° in 45° increments
- base with three leveling non-slip screws and bubble level
- optional off-the-table measurement possibility

Product features:

- Complies with:
 - IAEA Technical Reports (Series No. 398)
 - IAEA Technical Reports (Series No. 430)
 - IAEA-TECDOC-1540, Specification and Acceptance Testing of Radiotherapy Treatment Planning Systems
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration