

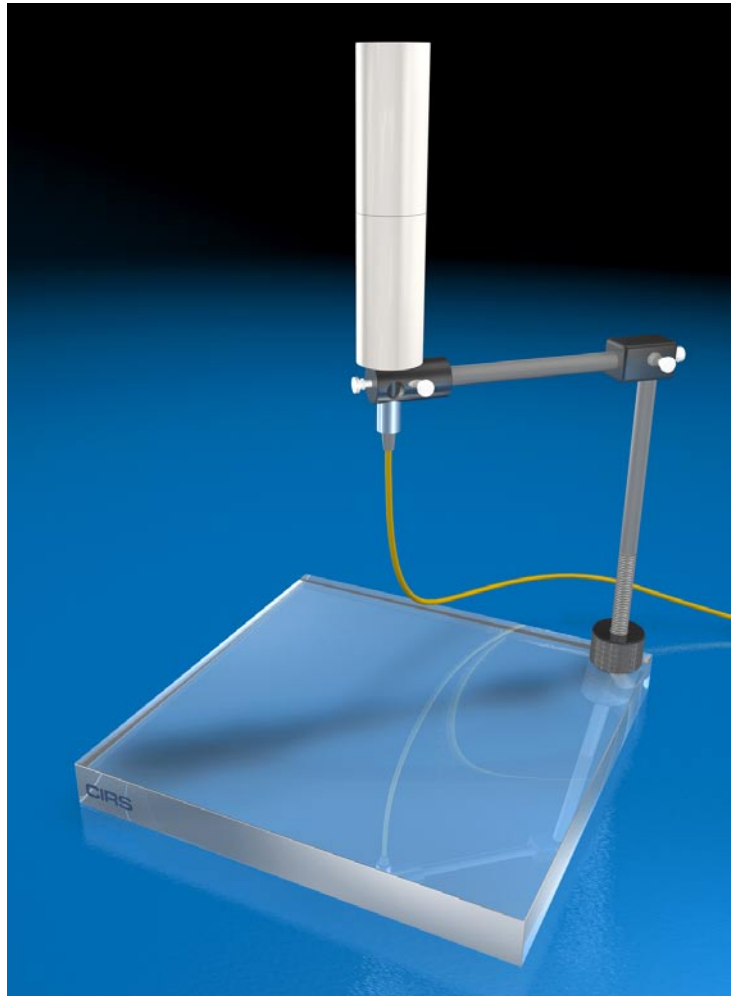
Water Equivalent Mini Phantom

Permits precise evaluation of scatter

The Water Equivalent Mini Phantom for Radiotherapy eliminates scatter radiation and X-Ray beam electron contamination during the ion chamber measurements at a reference depth of 10 cm. Phantom material is Plastic Water® and precise machining improves the dosimetric accuracy and reliability of LINAC beam MU calibrations.

The Phantom satisfies the requirements of ESTRO Booklet 3 “Monitor unit calculation for high energy photon beams” for Output, Volume-Scatter and Scatter-Primary Ratio measurements.

The Model 670 provides an excellent tissue simulation and opportunity of true dose comparison with the 30 x 30 cm Plastic Water® slab phantom. By positioning the ion chamber at a reference depth of 10 cm, the Mini Phantom allows the physicist to isolate and investigate the influence of scatter radiation



Model 670 & 670-S

on a reference dose measured in a slab phantom. The Model 670-S Mini-Phantom stand allows for vertical or

horizontal positioning of a 0.6cc Farmer and smaller diameter chambers. Precise three axis rotation improves measurement accuracy.

Tissue Simulation & Phantom Technology

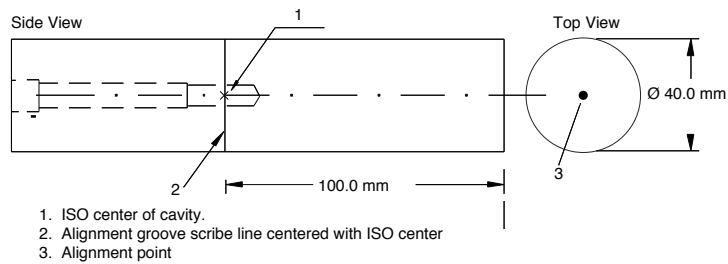
CIRS

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Model 670 Specifications

Characteristics:	Water-Equivalent for photon beams 150 keV - 100 MeV
Composition:	Plastic Water®
Shape:	Cylindrical
Dimensions:	As per drawing
Standard Cavity:	Farmer 0.6cc Ion Chamber
Optional Cavities:	By request

Model 670-S Specifications



Stand: Acrylic base with adjustable holder and carbon rods

