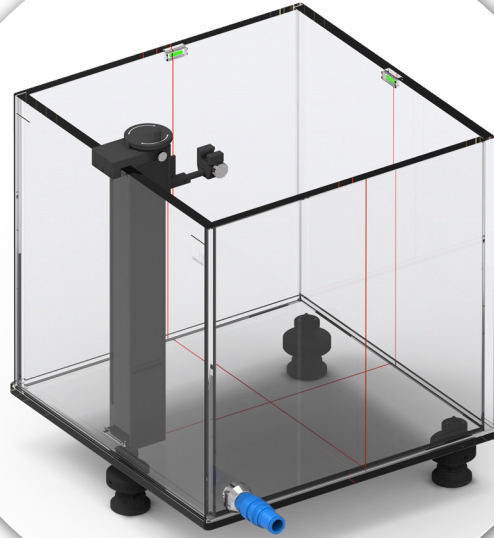


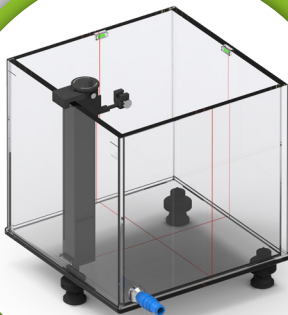
1 Phantom

1D Phantom is a Quality Assurance (QA) phantom for depth dose measurement to determine the Beam qualities and reference doses for various field sizes according to international dosimetry protocols.



Key Components:

- Ergonomic Tank made of 1 Polymethylmethacrylate (PMMA)
- Hard anodised Aluminium-6061 used for moving components
- Stainless steel tightening knobs
- Leveling base made of Nylon-66 to avoid dents on Couch.

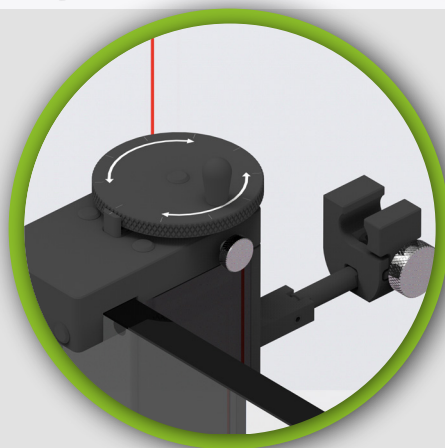


Tank

The water tank is made of 15mm thick Polymethylmethacrylate (PMMA) plates with inner dimensions of 400 x 400 x 405mm, featuring a spirit level for alignment.

Pointers and wheel

vertical pointers, a measuring scale, and adjusting wheels for precise alignment.



Ion chamber Holder

Ion chamber holder made up of Aluminium-6061-T6 with locking mechanism to hold the ion chamber for the measurement.

Application	Measurement of reference dosimetry & depth dose curves in radiotherapy devices.
Material	PMMA
Outside dimensions	440 mm x 440 mm x 420 mm
Inside dimensions	400 mm x 400 mm x 405 mm
Scanning Dimension	300 mm Vertical
Wall thickness	15 mm
Max. water quantity	61.6 liters
Moving range	Horizontal 320 mm
Adjusting Pads	3 pieces, adjustment range $\pm 3^\circ$
Weight	approx. 19kg (without water filling)