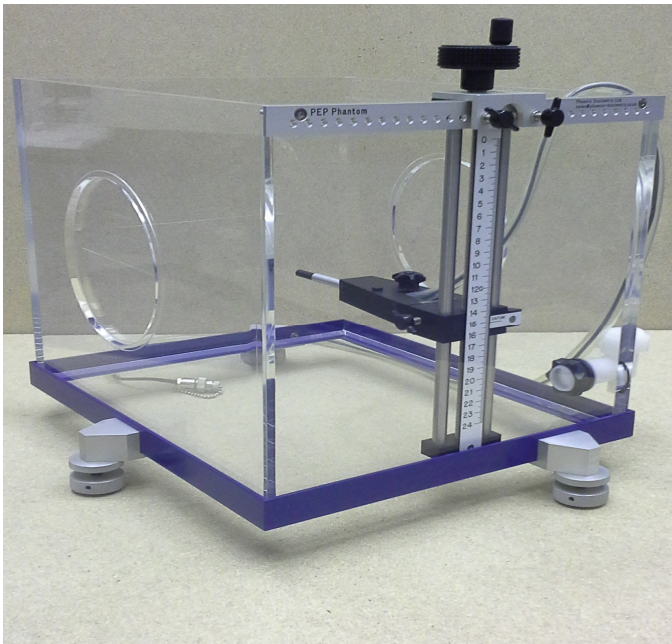


PEP Phantom Phoenix Electron Photon Water Phantom

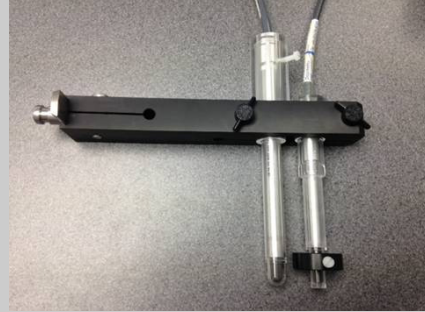
The PEP Phantom has many applications and was originally designed for Electron Dosimetry to meet the requirements of the Electron Code of Practice; however it has also proved excellent for Photon Dosimetry. We have recently redesigned the PEP Phantom, removing all ferrous parts to make it MRI compatible.

The unit comprises a compact and robust water phantom complete with a levelling platform suitable for both chamber and treatment machine calibration / output measurements. It is capable of accepting all chambers recommended in the Electron Code of Practice.

The unique rotational chamber mounting, and the opposed thin windows, allow for measurements to be made with both vertical and horizontal beam incidence. Vertical chamber position is continuously variable. Lateral chamber positioning can also be easily achieved.



The '2611 Special PEP Holder' accepts both the NPL-2611 in its waterproof sleeve alongside the Farmer chamber in a vertical orientation at 2 cm from the external surface of the side window



Specification

Material:	10mm clear acrylic
Internal Dimensions:	350mm(l) x 294mm(w) x 300mm(d) Thin Windows: 3mm clear acrylic x 150mm diameter
External Dimensions:	420mm(l) x 400mm(w) x 390mm(h)
Range of Movements:	Depth: 250mm with 1mm scale (continuously variable) Lateral: 240mm in 10mm intervals
Levelling Capability:	Three point levelling platform Drain Hole:
Weight Empty:	8kg
Weight Full:	39kg
Acceptable Chambers:	NACP, Markus, Roos, NE2571, NE2581, IBA IC70 and PPC-40, NPL2611 others upon request.

Ordering Information

The unit comes supplied with 2 chamber holders, one for the Farmer thimble chamber and the other for a parallel plate chamber of the customers choice. Additional chamber mountings available on request. Also available is the NPL-2611 Special Holder pictured above.