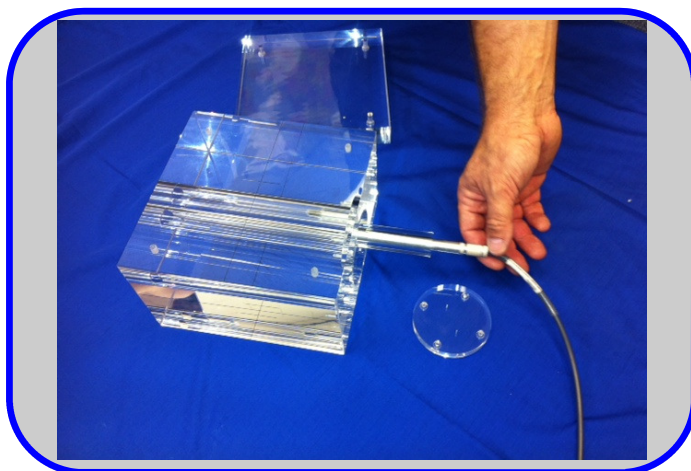


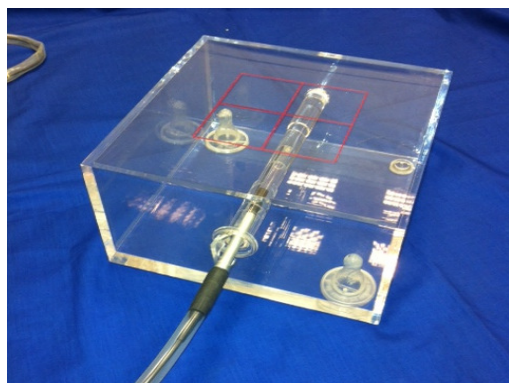
NE2566A Phantom

The NE2566A is a solid “Perspex” phantom for the calibration of Farmer cylindrical chambers (e.g. NE-2571) against a secondary standard (NPL Therapy Level system) by supporting both chambers in exactly reproducible geometries at the recommended depths in the calibration beam. It can be used for X and Gamma ray calibration over the range 150kV to 50MV.



NE2528/3 Small Water Phantom

The NE2528/3 is a small portable water phantom comprising a strong “Perspex” (Polymethyl methacrylate) box containing a transverse tubular sleeve into which the 0.6cc Farmer Ionisation Chamber 2505/3 fits. The centre of the chamber volume aligns exactly with the intersection point of reference lines engraved on the beam entrance side of the box. A small sprung clip prevents the chamber moving during use. The useful energy range is 150kV to 10MV.



Dimensions

Internal Height	200mm
Internal Width	200mm
Internal Depth	100mm
Wall Thickness Front Beam Entrance -Back -Top, Base and Sides	3.2mm 12.7mm 6.4mm
Thickness of wall surrounding chamber thimble	4.6mm
Distance of wall surrounding chamber thimble	50mm (Water equivalent)
Weight Empty Weight Full	1.5kg approx 5.5kg approx