

## Dosimetry Phantoms

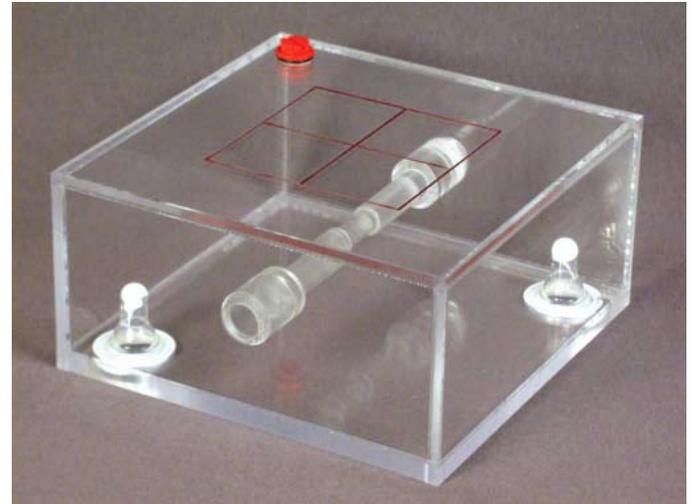
### Model WP-5230

The CNMC Model WP-5230 is an economical, convenient, easily transported, acrylic water-filled calibration check phantom. It is compact, measuring only 20 x 20 x 10 cm and weighing just under 3 lbs when empty.

The entrance window is engraved with 10 cm field and central axis markings. An acrylic transverse-mounted sleeve supports any Farmer-type ion chamber, including the Capintec PR-06C.

The ion chamber's reference point is automatically aligned with the field central axis engraved on the entrance window. The chamber depth is fixed at water-equivalent 5 cm. As such, the WP-5230 water phantom provides good characteristics for routine checks of the beam output from 2 to 10 MV photons.

A screw plug can be removed for easy filling of the phantom with water; boiled, distilled water is preferred. The plug is designed so the phantom will be fully water-tight at any angle. The phantom is fitted with two expansion vessels to cover a temperature range of 5–35° C, extending the practical range of both temperature and pressure.



### Specifications

Material .....	1/4" clear acrylic (PMMA), top and sides, 3/8" clear acrylic (PMMA) bottom
Chamber holder .....	Acrylic, drilled for Farmer-type chambers, including Capintec PR-06C
Dimensions .....	20 x 20 x 10 cm
Weight .....	1.35kg (3.0 lbs) empty, 4.2kg (9.3 lbs) filled