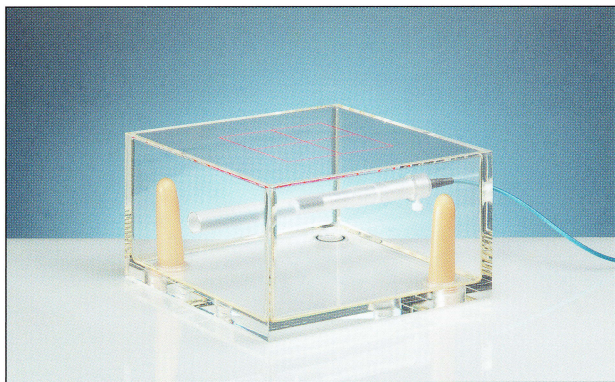


# Stationary Water Phantom



*Completely closed stationary water phantom for high energy photon dosimetry with PTW Farmer chambers*

## Features

- ▶ Makes it possible to perform quick and reproducible photon calibration measurements
- ▶ Accommodates a PTW Farmer chamber at a fixed measuring depth of 50 mm
- ▶ Beam markers on the top plate
- ▶ Compensates changes of the water volume caused by ambient temperature changes

The phantom T41014 is a stationary water phantom for absolute dosimetry and calibration measurements in radiation therapy. It is completely covered by acrylic (PMMA) plates. The external dimensions are approximately 20 cm x 20 cm x 10 cm. The entrance wall thickness is 3 mm, the measuring depth 50 mm. PTW Farmer ionization chambers fit exactly into the built-in chamber holder. The top plate features markers for beam adjustment.

The phantom is filled with approximately 4 liters of water through a sealed fill plug. It is fitted with two elastic expansion vessels to adapt the phantom to different ambient temperatures and to ensure a constant measuring depth.

## Ordering Information

T41014 Stationary water phantom

- ▶ PTW Farmer Ionization Chambers *page 17*