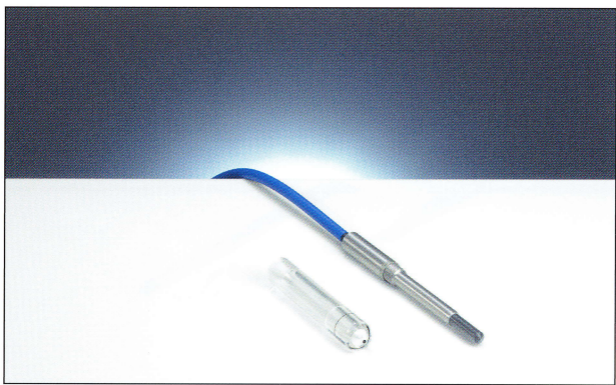


Waterproof PTW Farmer[®] Chamber



Waterproof thimble chamber for measuring high-energy photon and electron radiation in water

Features

- ▶ Vented sensitive volume of 0.6 cm³
- ▶ Suitable as therapy chamber for use in water
- ▶ Flat energy response

The 0.6 cm³ PTW Farmer chamber type 30013 is a waterproof standard chamber for absolute photon and electron dosimetry with therapy dosimeters to be used in water or in solid-state material. The nominal photon energy range is from 30 kV to 50 MV, the electron energy range is from 6 MeV to 50 MeV. This chamber type is of rugged construction, since the wall material is graphite with a protective acrylic cover and the electrode is made of aluminum. The guard ring is designed up to the measuring volume. The chamber is supplied with a cable of 1 m length. Different connector types are available.

A calibration certificate for calibration in absorbed dose to water or air kerma is included with each chamber. Air density correction is required for each measurement. A radioactive check device is available as an option.

Ordering Information

TN30013 Waterproof PTW Farmer chamber,
connecting system BNT

TW30013 Waterproof PTW Farmer chamber,
connecting system TNC

TM30013 Waterproof PTW Farmer chamber,
connecting system M

- ▶ Therapy Dosimeters *page 13f.*
- ▶ Radioactive Check Devices *page 23*
- ▶ Calibration Service *page 150*