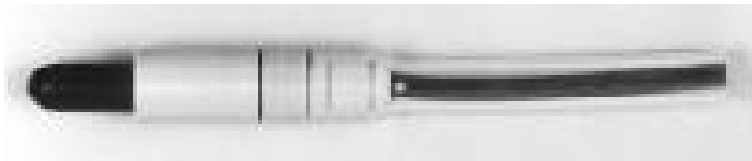




## Thimble ion chambers ,0.25 cm<sup>3</sup>



Vented through waterproof sleeve

Fully guarded

Supplied with a <sup>60</sup>Co factor calibration certificate ( $N_{D,w}:N_k:H_{D,a}=N_{gas}$ ) traceable to PTB

For absolute dose measurements, depth dose measurements and field profile analysis in a water-phantom or free-air.

It is waterproof, vented chamber suitable for electron and photon beam dosimetry.

Rugged Shonka plastic material provides increased durability.

### SPECIFICATIONS:

Material:

Outer electrode: Shonka C552 / 1.7 g/cm<sup>3</sup>

Inner electrode: Shonka C552 / 1.7 g/cm<sup>3</sup>

Connector type: BNC triaxial

Cable length: 1.3 cm

Operation:

Typical leakage:  $\pm 4 \times 10^{-15}$  A

Radiation quality: 100kV to 50 MeV

Calibration factor (nominal)  $N_{D,w} = 130$  mGy/nC

Dimensions:

Active volume: 0.25cm<sup>3</sup>

Total active length: 10 mm

Cylinder length: 7 mm

Inner diameter of outer electrode: 6 mm

Thickness of outer electrode: 0.4 mm

Diameter of inner electrode: 1.0 mm

Length of inner electrode: 3.3 mm

**Model: EW 30-716**

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