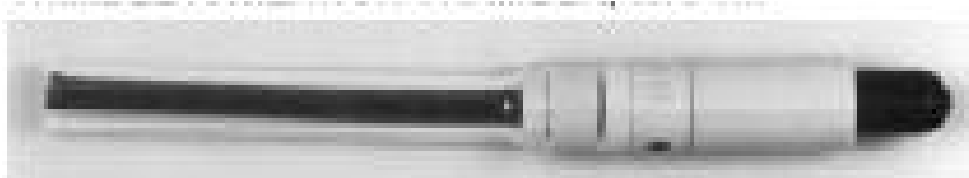




Thimble ion chambers ,0.03 cm³



Vented through waterproof sleeve

Fully guarded

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

This small-volum air ionization chamber offers high spatial resolution 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/cm³

Inner electrode: Shonka C552 / 1.7 g/cm³

Connector type: BNC triaxial

Cable length: 1.3 cm

Operation:

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

Radiation quality: 150kV to 50 MeV

Calibration factor (nominal) $N_{D,w} = 1.15$ mGy/nC

Dimensions:

Active volume: 0.03 cm³

Total active length: 3.6 mm

Cylinder length: 1.6 mm

Inner diameter of outer electrode: 4 mm

Thickness of outer electrode: 0.4 mm

Diameter of inner electrode: 1.0 mm

Length of inner electrode: 2.1 mm

Model: EW 30-750

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