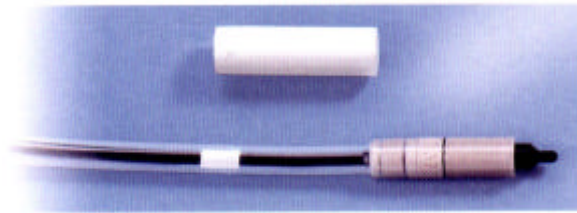




Thimble ion chambers ,0.01 cm³



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 / 1.76 g/cm³

Inner electrode: steel / 8.5 g/cm³

Connector type: BNC triaxial

Cable length: 1.4 cm

Operation:

Typical leakage: $<+7.5 \times 10^{-16}$ A

Radiation quality: 1,3 MeV- 50 MV

Dimensions:

Active volumen: 0.01 cm³

Total active length: 3.6 mm

Inner diameter of outer electrode: 2 mm

Thickness of outer electrode: 0.5 mm

Diameter of inner electrode: 0.35 mm

Model: EW CC01

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