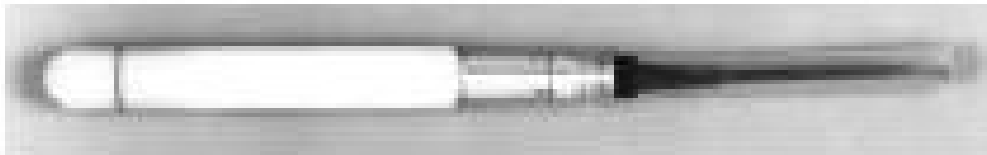




Farmer-Type Ionization chambers with Derrin Build-Up Cap ,0.69 cm³



Vented through **waterproof** sleeve

Fully guarded

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

This POM/aluminium Farmer-Type chamber is designed for absolute dosimetry in radiation beams

of 100 kV to 50 MV, in both electron and photon beams.

SPECIFICATIONS:

Material:

Outer electrode: POM (CH₂O) / 1.42 g/cm³

Inner electrode: Aluminum / 2.7 g/cm³

Connector type: BNC triaxial

Cable length: 1.3 cm

Operation:

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

Radiation quality: 100 kV to 50 MeV

Calibration factor (nominal) $N_{D,w} = 48$ mGy/nC

Dimensions:

Active volume: 0.69 cm³

Total active length: 23 mm

Cylinder length: 20 mm

Inner diameter of outer electrode: 6.2 mm

Thickness of outer electrode: 0.4 mm

Diameter of inner electrode: 1.0 mm

Length of inner electrode: 20.5 mm

Model: 30751

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