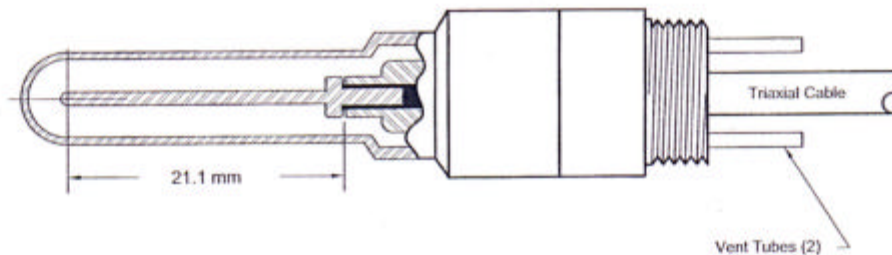




EXRADIN FARMER TYPE CHAMBER MODEL A12

- Farmer Chamber geometry
- Axially symmetric design
- Homogeneous construction
- Complete guarding
- Waterproof construction
- Gas flow capability
- Integral flexible low-noise cable
- Separable minimum scatter stem
- Matching Cobalt-60 Cap
- Handsome wooden case



Collecting Volume: 0.651 cm³
Nominal Calibration Factor: 5.0 R/nC
Centroid of Collecting Volume: 12.9 mm from tip of chamber
Collector Diameter: 1.0 mm
Outside Diameter Sensitive Region: 7.1 mm
Wall Thickness: 0.5 mm

Wall, Collector, and Guard Material:

Shonka air-equivalent plastic C552

Maximum Polarizing Potential: Greater than 1000 V

Inherent Leakage Currents: Less than 10⁻¹⁵ Amperes

Cable: 50 Ohms, 29pF/f, 3 m long

Signal Connector: Choice of coaxial BNC and triaxial BNC and TNC plugs and jacks.

High Voltage Connector: Integral with triaxial connectors (shell of chamber is common with connector body). Banana, MHV, and SHV plugs are also available.

Vent Tubes: Two 21 Ga stainless steel tubes which may be extended to connector via 22 Ga TFE tubing for possible immersion in liquid phantoms.

Stem: Either 1/2" OD black phenolic two-piece (4" + 5") or one-piece (4", 5", or 9"), or CRS style.

For further information on Exradin ionization chambers contact:

© Elimpex-Medizintechnik, Spechtgasse 32, A-2340 Moedling, Austria
phone +43-2236-410450
fax +43-2236-410459

