



Radiation Products Design, Inc.

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**RPD is an
authorized distributor**

RPD Product Information

Item Number Description

300-255-A15 * Exradin Model A15 - 2.5cc Low Energy Planar Diagnostic Chamber



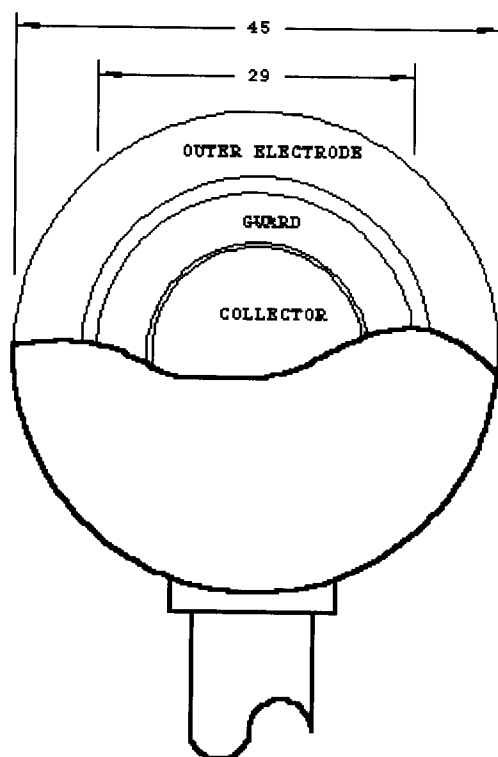
IONIZATION

CHAMBER

SPECIALISTS

Model 15 - Low Energy Planar Diagnostic Chamber

- Planar geometry
- Homogeneous construction
- Complete guarding
- Thin stretched conductive window
- Enlarged collecting volume
- Integral flexible low-noise cable
- Handsome wooden case



FRONT VIEW

ALL DIMS
IN MM



SIDE VIEW

Features

Collecting Volume: 2.46 cm³

Calibration factor: 12 Gy/m C (nominal), 0.15-5.00 mm Al HVL

Collector Diameter: 20.0 mm (effective)

Window-Collector Gap: 8.0 mm

Window: Conductive Kapton film, 3.86 mg/cm²

Body, Collector, and Guard Material: Model A15 – Shonka air-equivalent plastic C552

Maximum Polarizing Potential: Greater than 1000 V

Inherent Leakage Currents: Less than 10⁻¹⁵ Amperes

Cable and Stem Options: Either a 3 m cable (50 Ohms, 29pF/f) with 7/16 in OD black phenolic stem by 9, 5, or 4 in long or 1/2 in OD by 9 in long black phenolic stem with a triaxial connector mounted directly on stem.

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

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

Venting: Two holes, diametrically opposite in window ring.