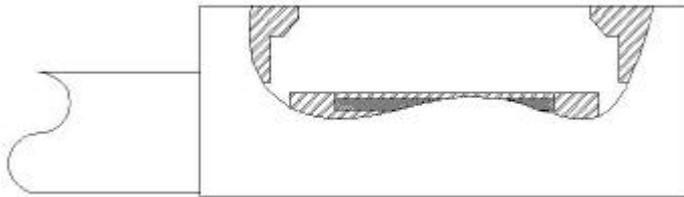




## LOW ENERGY PARALLEL PLATE DIAGNOSTIC MODEL 15

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



**Collecting Volume:** 2.46 cm<sup>3</sup>  
**Nominal Calibration factor:** 1.4 R/nC ; 12 Gy/m C, 0.15-5.00 mm Al HVL  
**Collector Diameter:** 20.0 mm  
**Window-Collector Gap:** 8.0 mm  
**Window:** Conductive Kapton film, 3.86 mg/cm<sup>2</sup>  
**Body, Collector, and Guard Material:** Model A15 – Shonka air-equivalent plastic C552  
**Maximum Polarizing Potential:** No greater than 1000 V  
**Inherent Leakage Currents:** Less than 10<sup>-15</sup> Amperes  
**Cable:** 50 Ohms, 29 pF/f, 1.5 m long  
**Signal Connector:** Triaxial BNC Plug  
**High Voltage Connector:** Integral with triaxial connectors (window of chamber is common with connector body).  
**Venting:** Two holes, diametrically opposite in window ring.  
**Stem:** Black phenolic, 1/2" OD by 9" long.

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