<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-205-M1</td>
<td>* Exradin Model M1 - Miniature Shonka Thimble Chamber</td>
</tr>
<tr>
<td>300-205-T1</td>
<td>* Exradin Model T1 - Miniature Shonka Thimble Chamber</td>
</tr>
</tbody>
</table>
Model 1 - Miniature Shonka Thimble Chamber

- Axially symmetric design
- Small gas volume
- Homogeneous construction
- Complete guarding
- Waterproof construction
- Gas flow capability
- Integral flexible low-noise cable
- Separable minimum scatter stem
- Matching equilibrium caps
- Handsome wooden case

**Features**

**Collecting Volume:** 0.05 cm$^3$

**Centroid of Collecting Volume:** 3.8 mm from tip of chamber

**Collector Diameter:** 1.5 mm

**Outside Diameter Sensitive Region:** 6.0 mm

**Wall Thickness:** 1.0 mm

**Wall, Collector, and Guard Material:**
Model A1 – Shonka air-equivalent plastic C552

Model M1 – Magnesium

Model T1 – Shonka tissue-equivalent plastic A150

**Maximum Polarizing Potential**: Greater than 1000 V

**Inherent Leakage Currents**: Less than $10^{-15}$ Amperes

**Cable**: 50 Ohms, 29pF/f, 2 m long

**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.

**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**: Black phenolic, 0.5 in OD by 9, 5, or 4 in long. Two-piece stem consisting of a 4 in segment at chamber and a 5 in segment threaded together is also available.