

Test Fixture



Model 8009 Resistivity Chamber

The Model 8009 is a guarded test fixture for measuring volume and surface resistivities. It assures good electrostatic shielding and high insulation resistance up to 1100V. The 8009 is designed for safe operation with the 6517A. Opening the lid of the 8009 automatically turns off the 6517A voltage source. The 8009 accommodates sheet samples from 64mm to 102mm (2½ to 4 in) in diameter and up to 3.2mm (⅛ in) thick. It maintains good sample contact with uniform pressure (from 6 to 10 lbs depending on thickness) on smooth parallel samples.

With the front panel switch on the 8009, toggle between volume and surface resistivity, with the 6517A configured to calculate and display the appropriate result automatically. The 8009 permits direct measurement of volume resistivity up to $10^{18}\Omega\text{-cm}$ (on samples 0.1cm thick) and surface resistivity up to $10^{17}\Omega/\text{square}$, in accordance with ASTM procedures.

Supplied with necessary cables to use with Model 6487 or Model 6517A.

ENVIRONMENTAL LIMITS: Operating: -30° to $+85^{\circ}\text{C}$, 65% R.H. up to 35°C , derate 3% R.H./ $^{\circ}\text{C}$ above 35°C . Storage: -25° to $+85^{\circ}\text{C}$.

DIMENSIONS: 108mm high \times 165mm wide \times 140mm deep (4¼ in \times 6½ in \times 5½ in).

WEIGHT: 1.45kg (3.19 lbs).

Trigger Accessories



Model 8501-1: 1m (3.3 ft) Trigger Link cable. Each end contains an 8-pin male DIN connector. Also available in 2m (6.6 ft) length (Model 8501-2).

For use with: Trigger Link inputs, 708A (for master/slave control)



Model 8502: Trigger Link adapter box has two female 8-pin micro DIN connectors to 6 female BNC connectors. Includes an 8501-1 cable.

For use with: Series 2000, Series 2400, 7001, 7002



Model 8503 DIN-to-BNC Trigger Cable: 1m (3 ft) cable used to connect BNC inputs to any instrument having Trigger Link connectors.

For use with: 2000, 2010, 2400, 6221, Trigger Link inputs



Model 8505: Male to 2-female Y-DIN cable.
For use with: Trigger Link