



LEIGHTON ELECTRONICS INC.

Academic Contactless Conductivity / Sheet Resistance Probe

MODEL LEI88

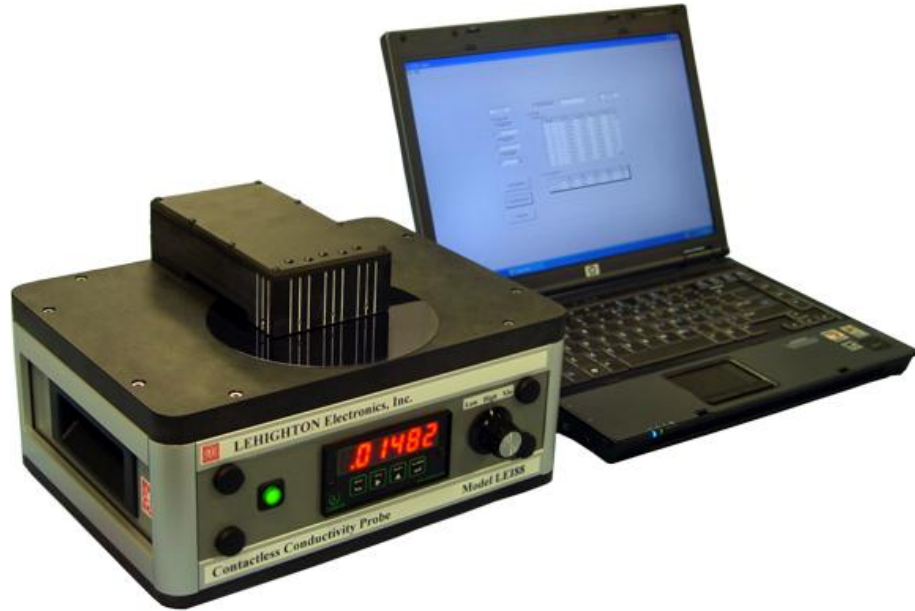


Figure 1: Model LEI88 Manual Measurement System

Measurement and Features

- ❖ Non-destructive
- ❖ Fast, accurate measurements of sheet conductance / sheet resistance
- ❖ Nominal sample thickness range of 450 to 800 microns
- ❖ Nominal coil gap (≥ 0.35 "/0.899 mm)
- ❖ Factory-adjustable gap to accommodate thicker substrates
- ❖ Coil size: 0.56" (14mm)
- ❖ Max. Wafer size: 6" (150mm)
- ❖ Hi-range: sheet resistance 16 - 3,200 Ω /sq.
- ❖ Small footprint: 12" x 10" (300mm x 250mm)
- ❖ Ideal for Universities and Small Research Institutes

Accessories and Options

- ❖ LO-range: 0.16 - 16.0 Ω /sq.
- ❖ XL-range: 0.032 - 1.6 Ω /sq.
- ❖ Power Conditioner
- ❖ Computer/Laptop