

THE SIMPLE & ECONOMICAL CAVIDERM



Full operator prompting and statistical print-outs make our CD-8 the quick, simple and reliable through-hole measurement tool.



Standard CPS-111B PTH Probe

Fast, easy, accurate testing

The Caviderm CD-8 is a cost-efficient way to conduct fast and easy testing of through-holes. Its alphanumeric operator-prompting display enables even untrained technicians to use it. Advantages include:

- Direct reading of thickness (in British or metric units).
- Ten non-volatile application memories store set-up data.
- Measures copper thickness, including electroless copper and electrolytic copper—even through tin-lead or gold overplates.
- Statistics and histograms from built-in printer.
- 2-line x 20-column LCD display.
- Instant determination for go/no-go testing.
- Surface probe mode for direct surface coating measurements of copper/epoxy.

Available probe options

The Caviderm CD-8 uses any of a series of specially designed interchangeable probes. These probes offer such features as a built-in magnifier, repeatable probe insertion and alignment, the ability to measure the thickness of metallic coatings on flat panels and the capability to measure holes as small as 10 mils (0.25mm) in diameter.

CD-8 Specifications

Physical technique	Microresistance
Largest measurable board	X: 18" (46cm) Y: No limit
Thinnest measurable board	15 mils (0.38mm)
Thickest measurable board	185 mils (4.7mm)
Surface measurement option	Yes
Probe insertion	Manual
Smallest measurable hole	
With CPS-111B probe	25 mils (0.63mm)
With CPS-112 probe	10 mils (0.25mm)
Largest measurable hole	
With CPS-111B probe	Diameter can be 10 mils (0.25mm) greater than board thickness
With CPS-112 probe	Diameter can equal board thickness