

**PC BOARDS PLATING & LAMINATION
MEASURING GAUGE**

Sr#	Description	Qty
1	Handheld Instruments for Measuring Coating Thickness on Laminate, Surface, Traces and Thruhole Please refer to the attached technical specifications sheet for further details	One
Notes: a. Technical specifications of the offered items must be provided with the quotation. b. Make and country of origin of the offered items should be mentioned in the quotation.		

Sr	Description (Features)	Range/Value	A/U
1.	Technique	Micro resistance or Phase-sensitive eddy current method	
2.	Copper Foil/laminate/surface plating thickness (Other values may be specified and quoted)	5-250	micron
3.	Copper thru-hole thickness (Other values may be specified and quoted)	1-100	micron
4.	Temperature Compensation for measurements	required	
5.	Display of gauge (Other values may be specified and quoted)	LCD (preferred 3" or above)	
6.	Accuracy (Other values may be specified and quoted)	±1% (±1 micron)	
7.	Precision (Other values may be specified and quoted)	0.3%	
8.	Resolution (Other values may be specified and quoted)	Micron At < 01, 0.001 At < 10, 0.01 At > 10, 0.1	
9.	Can evaluate and archive readings, standard deviation, mean, histogram and trend chart. (Other features may be specified and quoted)	Preferred	
10.	Preferred gauges or equivalent: 1. Phascope PMP10, handheld instrument for measuring coating thickness on PC Boards and electroplated surfaces. Manf: Helmut Fischer GmbH 2. Hitachi, CMI760 for test foil, laminate, surface, traces, and thru-hole copper measuring application. Manf Hitachi High-Tech Analytical Science		