

Specification for Ultrasonic wall thickness Gauge

Specification No. : PPC/TG/01/2017 REV. 00

Ultrasonic frequency	: 5MHz
Digital display	: 3 digits.
Measuring range	: 1.0 mm to 100 mm for Ceramics
Velocity range	: 1000 to 9999 m/s
Resolution	: 0.1 mm
Accuracy	: ± 0.1 mm
Response time	: 0.5 S
Operating temperature	: 0 to 70 Deg C
Operating humidity	: 10 to 90% RH
Probe Diameter	: $\varnothing 10$ mm (Max.)
Material to be measured using thickness gauge	: Ceramics
Measurement unit	: mm
Coupling indication	: Required
Build in a metal piece for calibration	: Required
Low battery indication	: Required
Auto power off	: 2-3 minutes after switching on/last reading
Calibration	: Calibration of equipment should be traceable to NABL. Calibration certificate is to be supplied along with equipment.
Warranty	: 12 Months (min.) from date of delivery
Accessories	: 01 no. extra probe and connecting shall be supplied along with the equipment
Manual	: Operation maintenance and spare parts manual to be supplied along with equipment.

Note:

1. Clearance from BHEL Representative is required before dispatch of the equipment.
2. Manufacturer / Principles of Original manufacturer should have supplied at least 04 similar equipment's for use in similar usage in industries.