

Technical specification for Paint/Coating thickness measuring gauge

SL.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY
1.0	MAIN PARAMETERS	
1	PURPOSE	To measure paint/TBC coating thickness and also to measure metallic coatings like chromium carbide, tungsten carbide, copper plating, Zinc plating. It shall continually displays/updates average, standard deviation, min/max thickness and number of readings while measuring
2.0	TECHNICAL PARAMETERS	
1	Measuring Range	Ferrous: 0-1500 Microns Non Ferrous: 0-1500 Microns
2	Memory/Storage	100 or above readings
3	Accuracy	(+/-3 Microns)
4	Min Measuring Area	12 mm x 12 mm
5	Min Curvature radius	5 mm
6	Measuring on ID	Min ID dia 50
7	Statics programme	No of readings, mean value, standard deviation, maximum and minimum reading of max 99 reading
8	Operating Temperature	0° to 50°
9	Surface Temperature	(-15° to 60°)
10	Power	Alkaline or rechargeable batteries (AAA)
11	USB connectivity	Yes
12	Probe	Stainless Steel
13	Durable	Water proof, wear resistant probe tip
14	Warranty	2 yrs
15	Confirms to National and International standards	ISO & ASTM
16	Display	LCD with back lit display
17	Software for connecting to PC	Required
18	Built in temperature compensation	Required
19	Water and dust resistance	Required
20	Pre qualification Criteria (PQC)	PO copies from last 2 years