



Technical Specification for Surface Roughness Measuring Instrument against Enq No
2760773E/11.10.2016

Technical Specification	Supplier's Acceptance or Remarks
<u>Surface Roughness Measuring Instrument---Requirement 05 nos</u>	
1). Measurement type..... Skidded	
2). Gauge resolution..... 0.01 μ m	
3). Gauge range Ra up to..... 40 μ m	
4). Gauge range Rt up to..... 199 μ m	
5). Measurement Accuracy..... 5% of reading + 0.1 μ m	
6). Measurement Repeatability..... 2% of value + noise	
7). Measurement Noise..... 0.02 μ m	
8). Pick up type..... Piezoelectric	
9). Stylus Diamond, Radius..... 5 μ m	
10). Traverse length..... 5mm (approx..)	
11). Traverse speed..... 2mm / sec. (approx..)	
12). Display units..... μ m	
13). On screen data display per page... up to 4 or more	
14). Component dimensions Min bore : 100mm, Min shaft dia.: 25mm	
15). Calibration & parameter standards: ISO-4287 Roughness standards	
16). Power source Chargeable battery	
17). Weight of unit Including pickup... 0.5kg or less	

Signature and Office Seal of Vendor