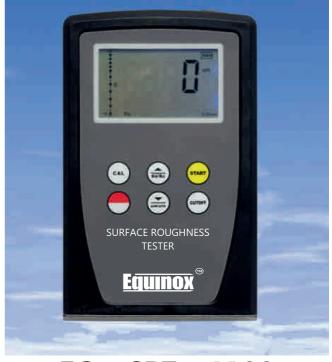
SURFACE ROUGHNESS TESTER

Features:

- Very Easy to operate
- Multiple Parameter Measurement: Ra, Rz
- Highly Sophisticated inductance sensor
 Built-in lithium ion rechargeable battery and control circuit with high capacity
- Small in size, light in weight and easy to use
- Can communicate with PC computer for statistics, printing and analysing by the optional cable and the software for RS232C interface
- Manual or automatic shut down. The tester can be switched off by pressing the Power key at any time.
 on the other hand, the tester will power itself off about
 5 minutes after the last key operation

Equinox



EQ - SRT - 6100

| Display | 4 Digits, 10 mm LCD, with blue backlight |
|---------------------------------|--|
| Parameters | Ra, Rz |
| Display Range | Ra : 0.05 -10.00µm / 1.000 - 400.0µ inch |
| | Rz : 0.1-50.0μm / 1 - 2000μ inch |
| Accuracy | Not more than 15% |
| Resolution | 0.001μm if reading $<$ 10μm |
| | 0.01μm if 10μm≤ reading <100μm |
| | 0.1μm if reading ≥100μm |
| Operating Conditions | Temp. 0-50 °C , Humidity < 80% |
| Fluctuation of Display Value | Not more than 10% |
| Sensor | Test Principle : Inductance type |
| Radius of Probe Pin | 10μm |
| Material of Probe Pin | Diamond |
| Measurement Force of Probe | 16mN(1.6gf) |
| Probe Angle | 90° |
| Vertical Radius of Guiding Head | 48mm |
| Maximum Driving stroke | 17.5mm / 0.7inch |
| Cutoff Length (I) | 0.25mm / 0.8mm / 2.5mm optional |
| Evaluation Length | 1~5 cut off optional |
| Driving Speed | Sampling length = 0.25mm Vt = 0.135mm/s |
| | Sampling length = 0.8mm Vt = 0.5mm/s |
| | Sampling length = 2.5mm Vt = 1mm/s |
| | Returning Vt = 1mm/s |
| Size | 128X80X30mm |
| Weight | 280 g |

Specifications:





