

High Precision Surface Roughness Tester TR 210



Features

- 7 parameters Ra, Rz , Rq, Rt, Rp, Rv, Rc
- High precision inductive sensor
- GAUSS filter
- Comply with ISO4287
- 256X64 OLED display
- Built in lithium ion battery and charging control circuit, high capacity, no memory effect, continuous working time more than 15 hours;
- Aluminum mold design body for durable and better anti-electromagnetic interference ability

TECHNICAL SPECIFICATION

Parameters	Ra, Rz, Rq, Rt, Rp, Rv, Rc
Range	±80um
Display Accuracy	±10%
Indication variability	≤6%
Resolution	0,01um
Probe – Type	Inductive
Probe – Stylus radius / angle	5um
Probe – Stylus material	Diamond
Measuring Force	4mN(0.4gf)
Measuring Unit	Um/Uin
Sensor Angle	90°
Longitudinal radius of guide head	45mm
Max. Driving Length	6mm
Traverse speed	λ1: cut off =0.25mm, Vt=0.135mm/s λ2: cut off = 0.8mm, Vt=0.5mm/s λ3: cut off = 2.5mm, Vt=1mm/s
Power	Built-in Rechargeable battery

Standard Delivery

Main Unit x 1 | Calibration block x 1 | AD/DC adapter and data line x 1 | Testing support board x 1

