

SURFACE ROUGHNESS TESTER TR-210™

Handheld, simple to operate surface roughness tester, 4 parameters with digital (non-graphic) display

- Easy to use!
- 4 different parameters: Ra, Rz, Ry, Rq
- Optional pick-up for grooves/bores and holes
- Data output RS-232 to printer TA-220S or PC
- Large LCD display
- Auto-off after 5 minutes with auto-store (last reading)
- Memory for 10 readings
- Excellent battery power with Li-ion technology
- Pick-up stylus position indicator



Technical specifications

Parameters	Ra, Rz, Ry, Rq
Standard	Conforms to ISO Class 3
Measuring system	Metric, imperial
Display resolution	0.001μm / 0.04 pinch
Display	LCD dot-matrix, with back-light
Dimensions of LCD	50mm x 30mm screen
Display languages	English
Display features	Pick-up stylus position indicator, Direct display of parameters, Direct printing, Memory for 10 readings, Auto-off after 5 minutes with auto-store (last reading), Calibration through software
Data output	RS-232; direct to printer TA-220S or PC
Measuring range	Ra: 0.005-16μm Rz: 0.02-160μm
Cut-off length	0.25mm / 0.8mm / 2.5mm
Tracing length	5 cut-off
Digital filter	RC, PC-RC, GAUSS, D-P
Pick-up	Standard model TS-100, inductive, Diamond tip radius 5μm
Bores from diameter	6.0mm, depth 15mm (TS-100)
Power	Li-ion battery rechargeable
Charger	220V, 50Hz
Working temperature	0°C - 40°C
Dimensions	140mm x 52mm x 48mm
Weight	440gr

Standard delivery

- Main unit
- Protection nose
- Pick-up TS-100
- Roughness test plate Ra
- Steel support for stand alone use
- Charger 220V, 50Hz
- Screwdriver
- Manual
- Certificate
- Carrying case

Optional accessories

- Special pick-ups for grooves/small bores; Pick-up TS-110, pick-up TS-120
- Test platform TA-610
- TA-220S printer
- Extension TSE-A
- Extension TSE-B 90°
- Dataview software with cable