

HANDHELD SURFACE ROUGHNESS TESTER FOR EXTERNAL SURFACES AND GROOVES

SURFACE ROUGHNESS TESTER

Features

- Pocket-sized & economically priced !
- External and internal roughness testing with swivable tracer
- Ra, Rz and Ry parameters in one instrument and all available after each individual test
- Standard 9V battery
- Standard cut-off 0.8mm, adjustable to 1-3-5 times
- Piëzo-electric pickup stylus for external surfaces with diamond tip of 2 micron according to the latest ISO standards

The R-130 is a portable, battery-powered instrument for checking surface, with the measured values displayed on a digital readout display. The instrument can be used in the laboratory, inspection area, workshop, or wherever on-site surface roughness testing is required.



Optional Stand

PHYNIX 

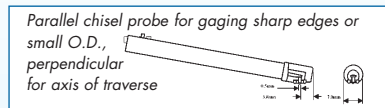
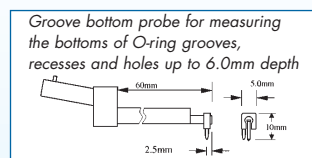
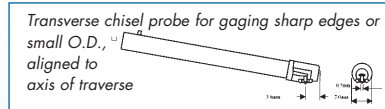
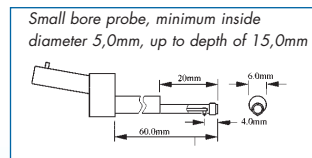
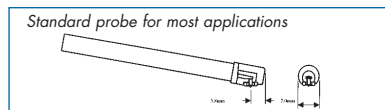
Physikalische Oberflächen-Messtechnik
Physical Surface Testing Technology

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Measuring ranges	Ra- 1.6µm ~ 6.3µm (1µ"~250µ") Rz- 0.2µm ~ 25.0µm (8µ"~999µ")
Display resolution	0.01µm / 1µ"
Cut-off	0.25mm / 0.001", 2RC filter, select 1-3-5 times 0.8mm / 0.03", 2RC filter, select 1-3-5 times 2.5mm / 0.01", 2RC filter, select 1 time
Display	3-digit LCD
Accuracy	Meets ISO and DIN standards
Probe Type	Piezoelectric
Maximum stylus force	15.0mN / 1500mgf
Stylus tip radius	Diamond, 2 micron
Power	9-volt alkaline battery
Battery capacity	Approx. 3000 measurements
Output	RS-232 to pc or printer (only R-135)



STANDARD DELIVERY

- Main unit R-130/135
- Protection cover
- Roughness test plate Ra
- Battery 9V standard
- Suitcase
- CV Instruments certificate
- Installation & user manual

OPTIONAL ACCESSORIES

- Tracers for special applications
- UKAS certified roughness reference standards
- Stand for stable testing
- Mini-printer (TP) with printercable and datacable (set)
- Datacable to MS-Hyperterminal