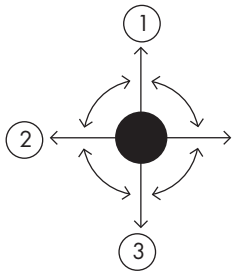


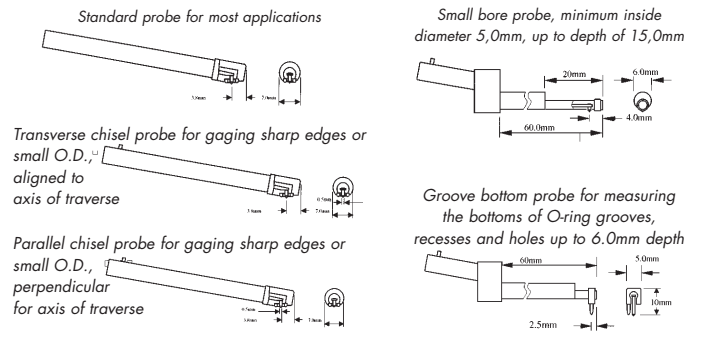
# SURFACE ROUGHNESS TESTER CV-R130/R135™

Handheld surface roughness tester for external surfaces and grooves

- Pocket-sized and economically priced!
- External and internal finish testing with swivable tracer
- Ra and Rz 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
- Piezo-electric pick-up stylus for external surfaces with diamond tip of 2 micron according to the latest ISO standards
- CV-R135 with data output



The CV-R130/R135 is a portable, battery-powered instrument for checking surface roughness, with the measured values displayed on a digital readout display. The instrument can be used in laboratory, inspection area, workshop, or wherever on-site surface roughness testing is required



## Technical specifications

Measuring ranges	Ra- 0.03µm ~ 6.35µm (1µ"~250µ") Rz- 0.2µm ~ 25.3µm (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 CV-R135)

## Standard delivery

- Main unit CV-R130/R135
- Protection cover
- Roughness test plate Ra
- Battery 9V standard
- Carrying case
- Manual
- RS232 (only CV-R135)
- CV Instruments certificate

## Optional accessories

- Tracers for special applications
- UKAS certified reference standards
- Stand for stable testing
- Mini-printer (R130/4200) with printer cable
- Datacable to MS-Hyperterminal

