



Surface roughness measuring instrument, Type: PS10



Order data

Order number	498835 PS10
GTIN	4059192058234
Item class	43C

Description

Version:

Portable roughness measuring instrument for precise roughness measurement and documentation conforming to standards, using the stylus tracing method. **With integral (removable) calibration standard.** Large illuminated 4.3 inch TFT touch display. Display can be rotated. Feed unit can be operated as part of the main unit and separately. Mounting for height adjustment for measurements on cones etc., data saved as TXT, X3P, CSV and PDF files. Gauss filter to ISO 16610 – 21 (supersedes DIN EN ISO 11562), special filter to DIN EN ISO 13565 – 1, IS filter to DIN EN ISO 3274 (can be switched off).

Advantage:

- **Switch on and start measurement right away – intuitive, no training.**
- **Storage of PDF certificates.**
- **Automatic cut-off selection.**
- **For direct access to the start view press the start button at the same time as the home button.**
- **Quick access to your desired functions, using the favourites list in the display.**

Supplied with:

Supplied with feed unit, standard probe No. 499004 size 6 – 350, roughness standard, including works calibration certificate, integral height adjustment, probe guard, charger / mains adapter, instruction manual, carrying case with shoulder strap, extension cable for the feed unit.

Optional extras:

Spare and special probe No. 499004, probe extension No. 499008, probe guard No. 499038, stand No. 499011; 498857.

Spare part:

Battery No. 499548 size AKKU.

Note:

Set for transverse sensing available on request.

Technical description

maximum measuring range	0.014 in
Evaluation unit height	77 mm
Weight of the evaluation unit	0.5 kg
Scanning speed	0.5 / 1.0 mm/s
Evaluation unit width	50 mm
maximum measuring range	350 µm
Measurement travel for longitudinal sensing	1.25 / 4.0 / 12.5 mm
Evaluation unit length	160 mm
Cut-off (λ_c)	0.25 / 0.8 / 2.5 mm
Measurement travels to standard	1.5 mm / 4.8 mm / 15.0 mm / automatic / $N \times L_c$ freely selectable
Power supply	Rechargeable battery-powered
Reversible reading	mm / Inch
Manufacturer's designation	PS10
Interface	USB interface
Interface	RS232 interface
Calibration	Q1
Calibration	Q2
Type of product	Surface roughness measuring device

Services

CalibrationSurface roughness measuring tool Type R	029200 R
CalibrationRoughness standard Type R	029220 R

Accessories

Probe for ST2 / PS1 / PS10 / M300 and 310 Type 6-350	499004 6-350
Stand ST-D	499011
Probe for ST2 / PS1 / PS10 / M300 and 310 Type 3-350	499004 3-350
Probe extension for ST2 / PS1 / PS10 / M300 and 310 Length 80 mm	499008 80
PS10 extension cable Type 7053553	499037 7053553