

TESA RugoSurf 20 roughness measuring device

mobile roughness measuring device for skid-type probe



Application:

Compact, mobile roughness measuring device for standardised roughness measurement in production and measuring rooms.

Execution:

- Stylus instrument for skid-type probe
- Large, 2 inch LCD display (160x100 pixels)
- Probe with 5 µm diamond tip 90°
- Integrated battery, 7.2 V, 300 mAh, NiMH PP3
- In accordance with ISO 4287-1997/JIS B0601/ASME B46-2002: Ra - Rq - Rt - Rz - Rc - Rsm - Rmr - Pt - Pmr In accordance with DIN 4768: Rmax in accordance with EN 10049: R_{Pc} - P_{pc} in accordance with ISO 12085 (CNOMO): R - Rx - AR
- Accuracy in accordance with ISO 3274, Class 1
- Measuring range: X-axis = 16 mm/Z-axis = 400 µm
- Display range: Ra 0 ÷ 100 µm, Rt 0.05 ÷ 400 µm

Advantage:

- Multilingual: English, French, German, Italian, Spanish, Portuguese, Chinese
- Keypad with four protected keys
- Device dimensions: 122 x 60 x 62 mm

Delivery:

RugoSurf 20, roughness standard, Ra = 2.97 µm (117 µin), mount for universal measuring tripod, dia. 8 mm, positioning brackets, SB10 standard probe head, rechargeable battery, charger 220/110 V



Art. no.	47000 600
Brand	TESA
Manufacturer Part Number	06930013
Probe system	Runner probe system
Surface roughness resolution	0.001 µm
Threshold wave length	0.25 mm, 0.8 mm, 2.5 mm
Measurement profile memory (number of profiles)	20 PCS
Sensor tip	5 µm
Sensor tip angle	90 Degree
Measurement profile memory (number of single readings)	1000 PCS
Gross Weight	2.112 kg
Product Group	478

EAN

7630041118018