TESA RUGOSURF 20

Portable roughness gauge, robust and versatile.
Well suited for production environments or inspection of inward goods.

Measures roughness parameters according to:
– ISO 4287
– JIS B0601
– DIN and ISO 12085 (MOTIF or CNOMO).

Measuring range in the Z-axis of 400 µm (6300 µin).
15 roughness parameters.
Each parameter can be activated individually or not.
Possible tolerancing of parameter values.

Direct display:
– of all measured values, with tolerance levels diplay,
– of R roughness profile,
– the Bearing Area Curve (BAC),
– the Amplitude Distribution Curve (ADC).

Scope of supply

2" Black&White LCD screen, high contrast for optimum visual representation.
Flexible autonomy through mains adapter or battery pack.
Storage of the measured parameters.
Multilingual menu options.
USB cable connection (optional).
Direct printing to a dot matrix printer (optional).
Measurement transfer, database creation and reporting available using TESA RUGOSOFT software tool (optional).
Access to narrow and hard to reach locations possible through 100 mm probe extension (optional).

With a measuring stand with suction base

Measurement of narrow hard to reach crevices thanks to the 100 mm probe extension

With vertical positioning support

ISO 3274 (Cl.1)

122 x 60 x 62 mm (without probe)

USB

10°C to 40°C

-10°C to +50°C

650 g

Plastic transport case

Declaration of conformity

Description:
1. Start / Measure
2. Probe protection
3. LCD 2" screen
4. Enter key
5. Defilement key
6. Return key / Measurement parameters
7. ON/OFF Switch
8. Batter charger connector
9. USB Connector for PC
10. Printer connector