

Roughness gauges.



MSA	Size	Kg
15.490	122 x 60 x 62 mm	0.650

RUGOSURF 20.

Portable roughness gauge, robust and versatile. Designed for production environments or inspection of goods.

- Measuring range in the Z-axis of 400 μm (0.0157 in), 16 mm (0.63 in) in the X-axis
- Probe with diamond point 2 μm
- Sturdy metallic base
- Membrane keyboard, degree of protection IP67
- 15 roughness parameters. Each parameter can be activated individually or not. Tolerancing of each parameter value possible
- 2" LCD display, roughness settings and profile after each measurement
- Very simple to use
- Direct display:
 - of all measured values, with tolerance levels
 - of R roughness profile
 - the Bearing Area Curve (BAC)
 - the Amplitude Distribution Curve (ADC)
- 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).



MSA	Size	Kg
15.492	270 x 140 x 90 mm	3.000

RUGOSURF 90G.

Small-size, versatile roughness gauge with tactile colour screen providing maximum ease of use. Ideally suited for high-precision measurements on the shop floor or in the inspection laboratory

- Measuring range in the Z-axis of 1000 μm (0.0394 in), 50 mm (0.1.968 in) in the X-axis
- W ripple profiles, P primary profile and R roughness profile measuring
- Tactile TFT 3.5" colour screen
- 3-position horizontal measurement at -90 °, 0 °, 90 °
- 49 roughness parameters
- Delivered with a 2-in-1 special probe with removable pad : one single probe can be used to measure roughness or undulation
- Vertical adjusting screw for probe positioning up to a height of 90 mm without the need of an accessory
- Tolerance of all parameters possible
- USB digital output for transfer of measured values to a PC with TESA MEASUREMENT STUDIO software (optional).