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TQC SURFACE PROFILE GAUGE
SP1562

DATASHEET

PRODUCT DESCRIPTION

The TQC surface profile roughness gauge is a simple instrument for ultrafast measuring of the point peak-to-valley height of a surface.

BUSINESS

Coating industry, Painters, Steel protection

STANDARDS

ASTM D 4417-B

SCOPE OF SUPPLY

- TQC roughness gauge
- Glass plate
- Leather pouch
- Allen key
- LR44 1.5V battery

ORDERING INFORMATION

SP1562 – TQC surface profile gauge

SPECIFICATIONS

Range	: 0~3,4 mm / 0~0.13 inch
Resolution	: 1µm / 0.04 mil
Accuracy	: ± 5µm / 0.2 mil
Thread	: M2.5 x 0,45
Holder dia.	: 20 mm / 0.79 inch
Battery	: Type LR44 1.5 V

USE

1. Press the On/Off button to switch the gauge on.
2. Choose parameter by pressing the IN/MM button.
3. Place the needle of the gauge on the flat glass specimen (zero plate) and press the gauge with the holder down until the base of the holder stands firmly on the zero plate.
4. Press the ZERO button to make the instrument read zero.
5. Place the needle gentle on the blasted surface and press the base of the gauge-holder firmly against the steel. Do not drag the instrument.
6. Read the peak-valley value.

TQC B.V.
Molenbaan 19
2908 LL Capelle aan den IJssel
The Netherlands
phone: +31 (0)10-7900100
fax: +31 (0)10-7900129
e-mail: info@tqc.eu
www.tqc.eu

7. Make 10 measurements on each desired location and determine the mean as being the profile of the surface.

SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Do not use compressed air to clean the instrument.
- Always keep the instrument in its case when not in use.
- We recommend annual calibration

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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