

# M300C ROUGHNESS METER

One step forward!

MAINTENANCE TOOLS & MEASURING DEVICES



The M 300C is supplied as a set in a soft carrying case including:

- ✓ M 300C evaluation unit
- ✓ RD 18C cylindrical probe unit
- ✓ Lengthwise drive unit
- ✓ Measuring stand with height adjustment feet
- ✓ PHT 6-350 probe
- ✓ 1 chart thermal paper roll
- ✓ V-block Probe protection
- ✓ Probe protection
- ✓ USB cables for laptop connection
- ✓ Screwdriver
- ✓ 90 - 264 Volt universal charger (with 3 adapters)
- ✓ Operating instructions



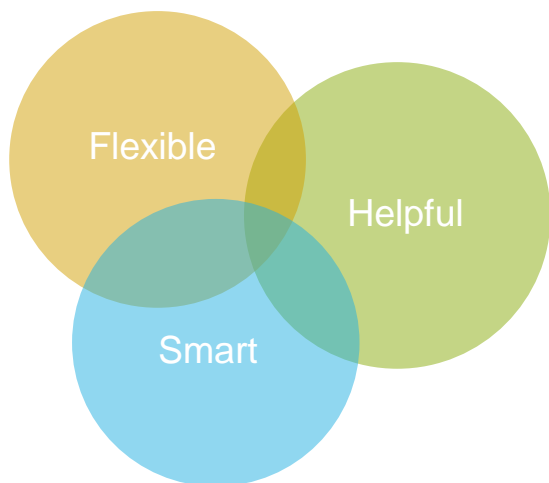
Ref. 90357N

Option: Transversal drive unit (Ref. 90361)

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# M300C Roughness Meter

Looking for a handy high-performance measurement device?



## ▪ Easier access to measurement areas on large, cumbersome parts

- Cylindrical probe unit
- PHT range measuring stand and probes



Upside down measurement



End face V-block measurement

## ▪ Handy

- Large illuminated colour display
- Intuitive operating instructions

## ▪ Useful

- Measuring range up to 350  $\mu\text{m}$  (.014 in)
- A complete range of probes

## ▪ Smart

- Profile recognition
- Automatic selection of traversing length and short cut-off (conforming to standards)
- Can be upgraded to stationary use

## ▪ Up-to-date

- Integrated memory for up to 40,000 results and 30 profiles

## ▪ Universal

- 15 languages selectable

## Other characteristics

- Automatic adjustment according to the selected standard
- Integrated high-resolution thermal printer
- Automatic/manual report printing
- Transfer of results and profiles via USB port
- Analysis of the usual parameters according to ISO/JIS and CNOMO, curves and lists
- Number of sampling lengths selectable
- Units  $\mu\text{m}/\mu\text{inch}$  selectable
- Standards (ISO/ASME/JIS/CNOMO) selectable
- Tolerance monitoring on display and print
- Automatic or adjustable scaling
- Printing of R-profile (ISO/ASME/JIS), P-profile (MOTIF), material ratio curve, measuring record
- Output of date and/or time on the measurements
- Dynamic calibration function
- Password protection and locking
- Integrated power pack with smart power management
- Multi-voltage universal charger
- Setting of unsymmetrical intersection lines for peak count calculation

## A GLOBAL PLAYER

Mersen is a Global Expert in electrical specialties and graphite-based materials.

Do not hesitate and contact us to find out more about our other maintenance tools and measuring devices. Mersen can also provide you with various types of technical training and motor maintenance services.

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