

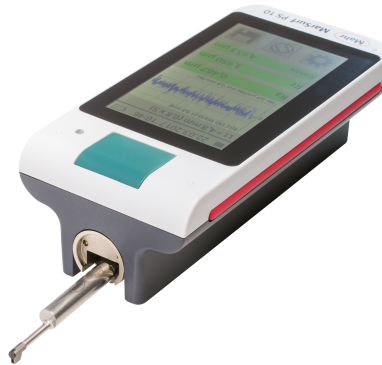
Product information

Mobile roughness measuring instrument MarSurf M 310 C2 for transverse tracing

Product features

Mobile roughness measurement – guaranteed success!

- Compact roughness measuring instrument for mobile use
- Simple and intuitive to use: as easy as using a smartphone
- Large, illuminated 4.3" TFT touch display
- Adjustable display
- Micro USB interface for remote control using ASCII commands, e.g. using software for statistical process control
- USB-A interface - for connection of e.g. a USB Bluetooth adapter or the USB/Bluetooth printer
- Specification of the intersection line C in μm or in % of Rz for the parameters Rmr and tp
- Data backup as TXT, X3P, CSV or PDF file
- Transfer of measuring records and data optionally via Bluetooth or cable
- IATF 16949 compliant – safe traceability with MarConnect
- Print directly on mobile printer (as option or directly in set with printer)
- Create complete PDF measuring records directly in the measuring instrument
- Customer-specific comments for the PDF measuring record can be entered directly into MarSurf M 310
- Display and printout of the MRC and ADC diagram
- Storage of measuring programs (quick & easy)
- Mains-independent operation: Over 1200 measurements without having to recharge the instrument
- An all-in-one solution. Small and lightweight (approx. 500 g)
- Instrument flexibility: removable drive unit
- 31 thread parameters: offer the same range of functions as a laboratory instrument.
- Roughness standard stored within housing aids in reducing errors
- Quick access to your frequently used functions via the Favorites list in the display
- Automatic cutoff selection, so even non-specialists can be sure of getting the correct measuring results



Item no.: 148665.0300

Technical data

Positioning speed	0.5; 1.0
Measuring principle	Stylus method
Probe	Inductive skidded probe
Parameters	A1, A2, Ar, CF, CL, CR, Mr1, Mr2, R, R3z, R _{Pc} , R _S , R _{Sk} , R _{Sm} , Ra, Rk, R _{max} , Rmr (tp (JIS, ASME) is equivalent to Rmr), R _p , R _{pA} (ASME), R _{pk} , R _{pm} , R _{pm} (ASME), R _q , R _t , R _{vk} , R _x , R _z , R _z (JIS), R _z (R _y (JIS) is equivalent to R _z), V _o
Filter according to ISO/JIS	Gaussian filter as per ISO 16610-21 (formerly ISO 11562), special filter as per DIN EN ISO 13565-1, Lambda s filter as per DIN EN ISO 3274 (can be switched off)
Cutoff lc according to ISO/JIS	0,25 mm, 0,8 mm, 2,5 mm, automatic filter detection, variable
Short stroke under ISO/JIS	Selectable
Traversing length according ISO 12085 (MOTIF)	1 mm, 2 mm, 4 mm, 8 mm, 12 mm, 16 mm
Number n of sampling length according to ISO/JIS	Selectable: 1 to 16
Stylus	2 μm
Measuring force (N)	.00075
Weight	3.6 KG