

## MarSurf M310 roughness measuring device



### Application:

Compact, mobile roughness measuring device for standardised roughness measurement in production and measuring rooms.

### Execution:

- 4.3 inch TFT touch display, colour, backlit
- Stylus instrument with feed unit for skid-type probe
- Status indicated by LED light bar
- inductive skid-type probe with 2 µm diamond probe tip
- integrated calibration standard
- USB Bluetooth interface, e.g. for printer
- Roughness parameters in line with DIN ISO, JIS and ASME
- MarWin Explorer software for easy analysis (free version can be downloaded from the MAHR website)
- Data backup as TXT, X3P, CSV and PDF file

### Advantage:

- simple and intuitive operation, no training required
- dynamic calibration function enables reliable measurement through automatic cut-off selection (patented)
- Measurements transferred via Bluetooth or cable connection
- Quick access to individually used functions via favourites list in the display
- Tolerance input and monitoring



<b>Art. no.</b>	<b>47100 030</b>
<b>Brand</b>	MAHR
<b>Manufacturer Part Number</b>	6910260
<b>Probe system</b>	Runner probe system
<b>Surface roughness measuring range</b>	350 µm
<b>Measurement force</b>	0.7 mN
<b>Parameters</b>	Ra, Rq, Rz, Rmax, Rp, Rpk, Rv, Rk, Rvk, MR1, MR2, A1, A2, VO, Rt, Rpc, Rmr, Rsm, Rsk, CR, CF, CL, R, AR, Rx
<b>Threshold wave length</b>	0.25 mm, 0.8 mm, 2.5 mm
<b>Measurement profile memory (number of profiles)</b>	3900 PCS
<b>Type of rechargeable battery/battery</b>	Li-Ion
<b>Number of rechargeable batteries/batteries</b>	1 PCS
<b>Battery voltage</b>	3.7 V
<b>Rechargeable battery/battery capacity</b>	3150 mAh
<b>Housing dimensions (LxWxH)</b>	160 x 50 x 77 mm
<b>Sensor tip</b>	2 µm
<b>Sensor tip angle</b>	60 Degree
<b>Surface roughness scanning path</b>	1,5 mm, 4,8 mm, 15 mm
<b>Measurement profile memory (number of single readings)</b>	500000 PCS
<b>Gross Weight</b>	4.700 kg
<b>Product Group</b>	307

### EAN

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