

## SURTRONIC DUO roughness measuring device

mobile roughness measuring device with internal feed unit

### Application:

User-friendly, mobile roughness measuring device for standard roughness measurement of parameters Ra, Rz, Rp, Rv, Rt, Rz1max, R3z (Daimler DB N 31007), Rsk, Rq and Rku.

### Execution:

- 3.7 inch colour LCD display for displaying up to 4 measurement values
- split display and feed unit
- Bluetooth connection between the two units (max. distance 2 m)
- Roughness parameters in line with DIN ISO and ASME
- Displays primary profile/parameters Pa, Pz, Pp, Pv and Pt
- integrated skid-type probe with 5 µm diamond tip
- Can be charged via mini USB port

### Advantage:

- InstantOn, from standby mode to measuring mode in just 5 seconds
- simple and intuitive operation, no training required
- Measured value is saved until the next measurement
- Battery life up to 3,000 measurements per charge



<b>Art. no.</b>	<b>47100 050</b>
<b>Brand</b>	SURTRONIC
<b>Model</b>	SURTRONIC DUO
<b>Probe system</b>	Runner probe system
<b>Surface roughness measuring range</b>	199 µm, 40 µm
<b>Surface roughness resolution</b>	0.01 µm
<b>Parameters</b>	Ra, Rp (ASME), Rz, Rv, Rt, Rsk, Rq, Pa, Pz, Pt
<b>Threshold wave length</b>	0.8 mm
<b>Data transmission type</b>	USB
<b>Type of rechargeable battery/battery</b>	Lithium polymer
<b>Number of rechargeable batteries/batteries</b>	1 PCS
<b>Battery voltage</b>	5 V
<b>Housing dimensions (LxWxH)</b>	107 x 54 x 30 mm
<b>Sensor tip</b>	5 µm
<b>Sensor tip angle</b>	90 Degree
<b>Min./max. nominal voltage</b>	110 / 240 V
<b>Feed unit dimension</b>	93 x 43 x 50 mm
<b>Gross Weight</b>	1.149 kg
<b>Product Group</b>	445