

## Surftest SJ-210 roughness measuring device

mobile roughness measuring device with removable feed unit

Mitutoyo

### Application:

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

### Execution:

- Standard feed unit with motorised advance and retraction function
- 2.4 inch colour LCD display, backlit
- Roughness parameters in line with DIN ISO, VDA, JIS and ANSI
- freely selectable non-standard measurement conditions
- inductive measuring system
- inductive skid-type probe with 2 µm diamond probe tip
- Languages: Japanese, English, German, French, Italian, Spanish, Czech, Polish, Hungarian, Turkish and Swedish
- additional languages: Portuguese, Dutch, Korean and Chinese

### Advantage:

- clear representation of measurement results

### Delivery:

incl. roughness standard



<b>Art. no.</b>	<b>47106 011</b>
<b>Brand</b>	MITUTOYO
<b>Manufacturer Part Number</b>	178-560-11D
<b>Model</b>	SJ-210
<b>Probe system</b>	Runner probe system
<b>Surface roughness measuring range</b>	360 µm
<b>Min./max. scanning path</b>	0-17.5 mm
<b>Surface roughness sensing speed</b>	0.25 mm/s, 0.5 mm/s, 0,75 mm/s
<b>Threshold wave length</b>	0.08 mm, 0.25 mm, 0.8 mm, 2.5 mm
<b>Data transmission type</b>	1 x USB, Digimatic, RS232C, foot switch
<b>Type of rechargeable battery/battery</b>	Lithium
<b>Number of rechargeable batteries/batteries</b>	1 PCS
<b>Battery voltage</b>	7.5 V
<b>Rechargeable battery/battery capacity</b>	600 mAh
<b>Sensor tip</b>	2 µm
<b>Sensor tip angle</b>	60 Degree
<b>Display type</b>	Colour LCD display
<b>Energy supply</b>	Mains and rechargeable battery operation
<b>Material of probe tip</b>	Diamond
<b>Max. measurement force</b>	0.75 mN
<b>Measuring section longitudinal scan</b>	16 mm
<b>Weight</b>	500 g
<b>Gross Weight</b>	2.300 kg
<b>Product Group</b>	3MD