



A



Building Restoration Roughness Measuring Device SRC

● SRC Controller

- robust housing
- easy operation via touch display
- clearly arranged surface
- suitable for mobile use
- interface for SRC-LS and SRC-PS laser units
- USB interface for battery charging and data export
- with battery pack

Software Features:

- calculation of the roughness depths R_t , acc. to ZTV-ING, DAfStb-Rili SIB, DIN EN 1766 and DIN EN 13036-1, on the basis of correlations
 - calculation of the mean profile depth MPD acc. to DIN EN ISO 13473-1 and R_p height of the largest profile peak R_v depth of the largest profile valley R_z greatest height of profile ($R_z = R_p + R_v$) R_a arithm. mean value of the profile coordinates in accordance with DIN EN ISO 4287
 - reliable determination of consumption quantities
 - guided sequence control of a measurement process
 - graphic display of surface profiles
 - correction of outlier values due to shadows or reflections
 - export of the measurement date via USB
 - flexible evaluation options and data storage
 - dimensions: 200x240x105 mm
 - weight: 3.8 kg
- Order-No. T1200

● Calibration Profile

- for calibration of the laser unit
 - dimensions (LxWxH): 440x145x22 mm
- Order-No. T1240



B



Building Restoration Roughness Measuring Device SRC

- measurement of surface roughness in seconds, significant time saving compared to the sand surface method, also fewer test influences and more meaningful results
- use on any oriented surfaces (ceiling, wall, floor, slope)
- for the measurement of surface roughness on facades, component undersides, tunnel walls, road surfaces, bridge piers, etc.
- can also be used on moderately damp surfaces
- operation requires a SRC controller
- low maintenance, high-quality materials for long service life

④ SRC-LS

Linear Laser Unit

- device development together with BAM
- for particularly high measuring speeds
- does not require a mechanical drive

Laser features:

- measuring range: Z-axis 50 mm
- resolution Z-axis 4 μm
- measuring range X-axis 50 mm
- resolution X-axis 80 μm
- measuring principle: triangulation method
- laser protection class 2M
- housing dimensions: \varnothing 130x270 mm
- weight: 2.4 kg

Order-No. T1220

⑤ SRC-PS

Point Laser Unit

- particularly suitable for measurements in confined spaces

Laser features:

- measuring range: Z-axis 30 mm
- resolution Z-axis 30 μm
- measuring distance X-axis 200 mm
- resolution X-axis 80 μm
- measuring principle: triangulation method
- laser protection class 2M
- housing dimensions: 430x82x82 mm
- weight: 2.1 kg

Order-No. T1230

⑥ Telescopic Rod

- suitable for point laser unit

Order-No. T1235

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