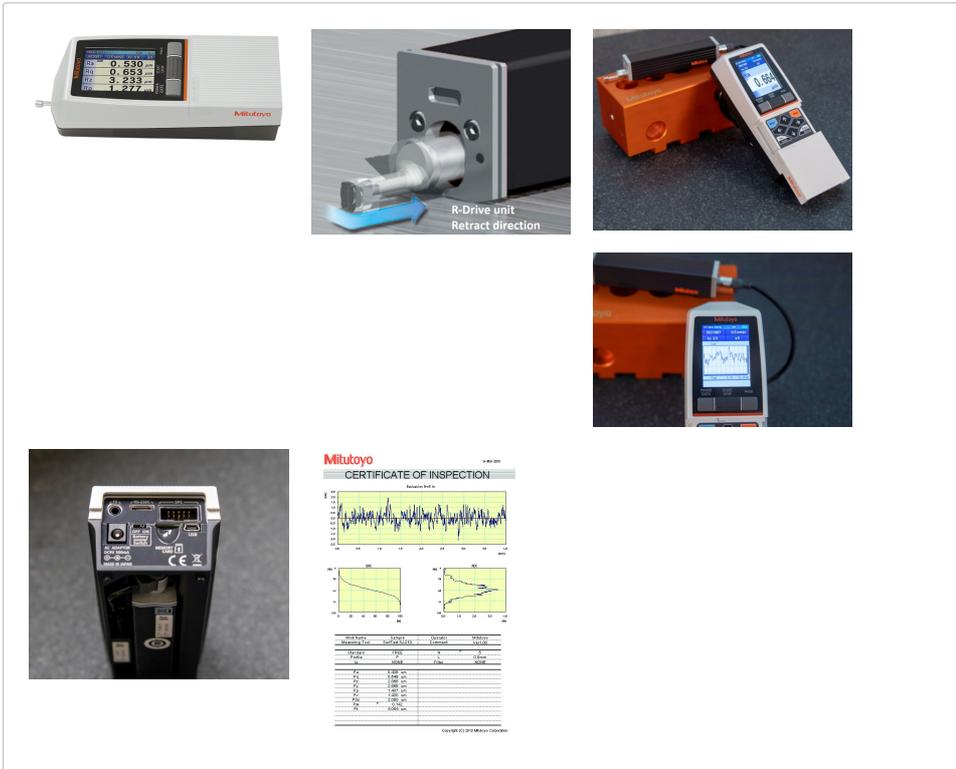


Surftest SJ-210R [inch/mm] "R2 μ m; 0,75mN; Retract-Drive" Item number: 178-563-11E



Description

This is a portable measuring instrument that allows you to easily and accurately measure surface roughness.

The Surftest SJ-210 offers you the following benefits:

- Skid system gives you user friendly and intuitive menu navigation.
- It works independently of mains power, allowing you to make on-site measurements.
- The **6.0 cm** [2.4"] colour graphic, back-lit LCD gives you excellent readability.
- It performs roughness analyses conform to various international standards (EN ISO, VDA, ANSI, JIS) and customized settings.
- Different drivers expanding the range of applications.
- Calculation results, assessed profiles, bearing and amplitude curves can be displayed.
- Support of 21 languages.
- Operation by keys on the front and under the sliding cover.

Specification

| | |
|---------------------------|--|
| Detector measuring force: | 0.75 mN |
| Stylus tip angle: | 60° |
| Stylus tip radius: | 2 μm |
| Mass: | 500 g |
| Measuring range: | 16 mm, 4.8 mm [S-type] |
| Traverse: | 17.5 mm, 5.6 mm [S-type] |
| Measuring speed: | 0.25 mm/s; 0.5 mm/s; 0.75 mm/s |
| Measuring method: | Differential inductance |
| Range: | 360 μm |
| Stylus: | Diamond Tip |
| Skid radius: | 40 mm |
| Profiles: | Roughness Profile (R), R-Motif, DF-Profile and more |
| Roughness standard: | EN ISO, VDA, JIS, ANSI and customize settings |

| | |
|-----------------|--|
| Digital filter: | Gauss, 2CR75, PC75 |
| Cut-off length: | λ_c : 0.08 mm; 0.25 mm; 0.8 mm; 2.5 mm λ_s : 2.5 μm ; 8 μm |
| Tolerance: | Coloured upper / lower limit |
| Power supply: | AC adapter or rechargeable battery |
| Inch-Metric: | Inch/Metric |

Accessories

Optional accessories:



**Granite stand
for Surftest SJ-210 / SJ-310***
178-029



**Adapter for magnetic stand; D8mm
for Surftest SJ-210 / SJ-310**
12AAA221



**Standard drive unit 17,5 mm
for SJ-210 / SJ-310 series**
178-230-3



**S-type drive unit 5,6 mm
for SJ-210 / SJ-310 series**
178-233-3



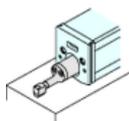
**S-type drive unit set
for SJ-210 / SJ-310 series**
178-234-3



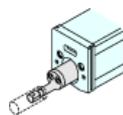
**R-type drive unit 17,5 mm
for SJ-210 / SJ-310 series**
178-235-3



**Extension rod length 50mm
for SJ-210 / SJ-310 series**
12AAA210



**Standard detector 2 μm ; 0,75mN
for SJ-210 / SJ-310 series**
178-296



**Detector small holes D4,5; 2 μm ; 0,75mN
for SJ-210 / SJ-310 series**
178-383



**Detector small holes D2,8; 2 μm ; 0,75mN
for SJ-210 / SJ-310 series**
178-384