

Mitutoyo

Surftest SJ-210 [mm]

"R2 μ m; 0,75mN"

Item number: 178-560-13D



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.

Features

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
Cable length:	1 m
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
No. of sampling length (L):	x 1, x 3, x 5, x L
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:	Via AC adapter (DC 7.5 V 1.5 W) built-in or rechargeable battery
Functions:	Switchable between 16 languages: Japanese, English, Russian, Slovenian, Rumanian, Bulgarian, Finnish, German, French, Italian, Spanish, Czech, Polish, Hungarian, Turkish, Swedish
Radius:	2 μm
Auto-sleep:	Automatic after 30 seconds
Inch-Metric:	Metric

Accessories

Optional accessories:

« < 1 2 3 > »



Granite stand for Surfetest SJ-210 / SJ-310*

178-029

Suggested retail price: **738.00 €***



Adapter for magnetic stand; D8mm for Surfetest SJ-210 / SJ-310

12AAA221

Suggested retail price: **45.00 €***



Standard drive unit 17,5 mm for SJ-210 / SJ-310 series

178-230-3

Suggested retail price: **669.00 €***



Standard drive unit 17,5 mm for SJ-210 / SJ-310 series

178-230-3

Suggested retail price: **669.00 €***



S-type drive unit 5,6 mm for SJ-210 / SJ-310 series

178-233-3

Suggested retail price: **2,388.00 €***



S-type drive unit set for SJ-210 / SJ-310 series

178-234-2

Suggested retail price: **2,494.00 €***



S-type drive unit set for SJ-210 / SJ-310 series

178-234-3

Suggested retail price: **2,494.00 €***



R-type drive unit 17,5 mm for SJ-210 / SJ-310 series

178-235-3

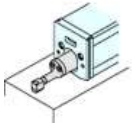


Suggested retail price: **1,295.00 €***



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

Suggested retail price: **220.00 €***



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

Suggested retail price: **594.00 €***