

Surftest SJ-210 [inch/mm]

"R2 μ m; 0,75mN"

Item number: 178-561-11E



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
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

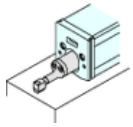
Display range:	Ra, Rq: 0.01 μm - 100 μm Ry, Rz, Rt, R3z, Rvk, Rpk, Rk, Rp: 0.02 μm - 350 μm Vo: 0 - 10 (mm ³ /cm ²) S, Sm: 2 μm - 4000 μm Pc: 2.5/cm - 5000/cm Mr 1, Mr 2: 0 - 100 % mr: 1 - 100 %
Roughness standard:	EN ISO, VDA, JIS, ANSI and customize settings
Sampling length (L):	0.25 mm, 0.8 mm, 2.5 mm
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
Interface:	RS-232 C interface for input/output, DIGIMATIC output
Power supply:	AC adapter or rechargeable battery
Radius:	2 μm
Inch-Metric:	Inch/Metric

Accessories

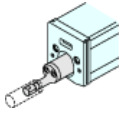
Optional accessories:

	Granite stand for Surfptest SJ-210 / SJ-310* 178-029
	Adapter for magnetic stand; D8mm for Surfptest 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

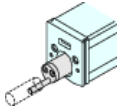
	Extension rod length 50mm for SJ-210 / SJ-310 series 12AAA210
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Standard detector 2 μ m; 0,75mN
for SJ-210 / SJ-310 series
178-296



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



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