

Surftest

Performs brilliantly in many situations such as in the quality control room, on the factory floor and on the production line.

Surftest SJ-210 SERIES 178 — On-site Surface Roughness Tester

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo



SPECIFICATIONS

Model No.	Standard drive unit		Retractable drive unit		Transverse tracing drive unit		
	SJ-210 (0.75 mN type)	SJ-210 (4 mN type)	SJ-210 (0.75 mN type)	SJ-210 (4 mN type)	SJ-210 (0.75 mN type)	SJ-210 (4 mN type)	
Order No.	mm 178-560-11	mm 178-560-12	mm 178-562-11	mm 178-562-12	mm 178-564-11	mm 178-564-12	
	inch/mm 178-561-11	inch/mm 178-561-12	inch/mm 178-563-11	inch/mm 178-563-12	inch/mm 178-565-11	inch/mm 178-565-12	
Measuring range	X axis	16.0 mm				5.6 mm	
Detector	Range	360 μm (-200 μm to +160 μm)					
	Range/Resolution	360 μm/0.02 μm, 100 μm/0.006 μm, 25 μm/0.002 μm					
Measuring force/Stylus tip shape	Depends on the Order No.: 0.75 mN/2 μmR 60° (when the Order No. ends with "-11") 4 mN/5 μmR 90° (when the Order No. ends with "-12")						
Applicable standards	JIS 1982/JIS 1994/JIS 2001/ISO 1997/ANSI/VDA						
Assessed profile	Primary profile, Roughness profile, DF profile, Roughness motif profile						

Surftest SJ-310 SERIES 178 — On-site Surface Roughness Tester

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SPECIFICATIONS

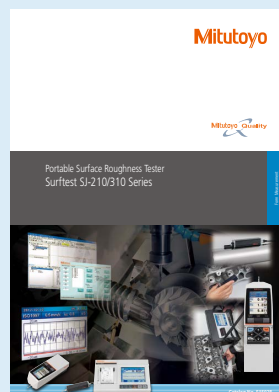
Model No.	Standard drive unit		Retractable drive unit		Transverse tracing drive unit		
	SJ-310 (0.75 mN type)	SJ-310 (4 mN type)	SJ-310 (0.75 mN type)	SJ-310 (4 mN type)	SJ-310 (0.75 mN type)	SJ-310 (4 mN type)	
Order No.	mm 178-570-11	mm 178-570-12	mm 178-572-11	mm 178-572-12	mm 178-574-11	mm 178-574-12	
	inch/mm 178-571-11	inch/mm 178-571-12	inch/mm 178-573-11	inch/mm 178-573-12	inch/mm 178-575-11	inch/mm 178-575-12	
Measuring range	X axis	16.0 mm				5.6 mm	
Detector	Range	360 μm (-200 μm to +160 μm)					
	Range/Resolution	360 μm/0.02 μm, 100 μm/0.006 μm, 25 μm/0.002 μm					
Measuring force/Stylus tip shape	Depends on the Order No.: 0.75 mN/2 μmR 60° (when the Order No. ends with "-11") 4 mN/5 μmR 90° (when the Order No. ends with "-12")						
Applicable standards	JIS 1982/JIS 1994/JIS 2001/ISO 1997/ANSI/VDA						
Assessed profile	Primary profile, Roughness profile, DF profile, Roughness motif profile, Waviness motif profile						

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

Compact type all-in-one surface roughness tester has evolved by meeting customer demands

- The color LCD can display not only calculation results and measurement conditions, but also surface roughness waveforms. In addition, bigger character size contributes to visibility.
- Built-in rechargeable battery allows measurement without a mains power supply connection.



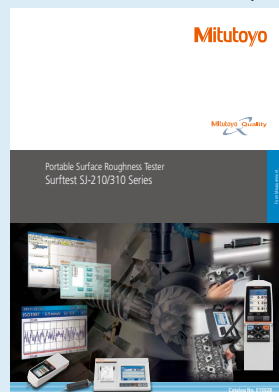
Refer to the Surftest SJ-210/310 Series Brochure (E15028) for more details.

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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

Advanced handheld tester that is easy to operate and meets a variety of needs

- Equipped with a large, touch-screen color graphic LCD for intuitive operation and excellent ease of use.
- Equipped with a high-speed thermal printer (approx. 1.5 times faster than conventional models) as standard, allows for printing of BAC and ADC curves in addition to calculation results (including pass/fail judgments) and assessment profiles. The printer can also print horizontally to match the content displayed on the LCD, and has an easy-to-understand layout.



Refer to the Surftest SJ-210/310 Series Brochure (E15028) for more details.