

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



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 inch/mm	178-560-11 178-561-11	178-560-12 178-561-12	178-562-11 178-563-11	178-562-12 178-563-12	178-564-11 178-565-11	
Measuring range	X axis	16.0 mm				5.6 mm	
	Detector	Range 360 µm (-200 µm to +160 µm)					
	Range/Resolution	360 µm/0.0256 µm, 100 µm/0.0064 µm, 25 µm/0.0016 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 B 0601:2001, JIS B 0601:1994, JIS B 0601:1982, VDA, ISO:1997, ANSI					
Assessed profile		Primary profile, Roughness profile, DF profile, Roughness motif profile					

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



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 inch/mm	178-570-11 178-571-11	178-570-12 178-571-12	178-572-11 178-573-11	178-572-12 178-573-12	178-574-11 178-575-11	
Measuring range	X axis	16.0 mm				5.6 mm	
	Detector	Range 360 µm (-200 µm to +160 µm)					
	Range/Resolution	360 µm/0.0256 µm, 100 µm/0.0064 µm, 25 µm/0.0016 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 B 0601:2001, JIS B 0601:1994, JIS B 0601:1982, VDA, ISO:1997, ANSI					
Assessed profile		Primary profile, Roughness profile, DF profile, Roughness motif profile, Waviness motif profile					

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

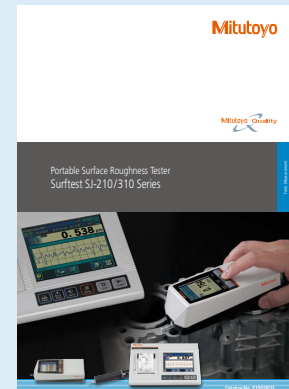
- The color LCD can display not only calculation results and measurement conditions, but also surface roughness waveforms. In addition, bigger character size contributes to visibility.
- Built-in rechargeable battery allows measurement without a mains power supply connection.



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

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.



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