

Surftest SJ-310

Series 178 - Surftest SJ-310R and SJ-310S

SJ-310R

- Before measurement starts, the detector is not in contact with the workpiece surface (safety position). When measurement is started, the detector is lowered onto the workpiece while the drive unit moves in X measuring direction. During the return movement, the detector lifts up from the workpiece surface before reaching the start position. Useful for avoiding stylus damage in applications where the test surface cannot be seen easily.

SJ-310S (detailed information further on in this chapter)

- The transverse drive capability of the SJ-310S model allows testing shrouded surfaces in the transverse direction, e.g. crankshaft bearing surfaces, flanged features or deep grooves.

Additional Specifications

Other accessories	Other optional and standard accessories are listed later in this section
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Optional accessories

No.	Description
02AZD790D	Connecting cable U-Wave
06ADV380D	USB Input Tool Direct cable (2 m)
178-029	Granite stand with column 400x250x556 mm (12AAA221 needed for SJ-210/310)
178-033	Measuring device for cylindrical workpieces
178-034	Measuring device as universal fixture
178-035	Measuring device for measuring in pipes
936937	Data cable (1 m)
965014	Data cable (2 m)

Consumable spares

No.	Description
For R model	
178-235-2	R-Type drive unit 17,5 mm
For S models	
178-233-2	S-Type drive unit 5,6 mm
12AAE643	Adapter tip
12AAE644	Adapter V type
For Standard/R/S 4mN Inch/mm models	
178-602	Roughness specimen
For Standard/R/S models	
357651	AC Adapter 9V
12BAA303	Cable (1 m) UC to UA
12AAA876	Printer paper (5 rolls)
178-604	Roughness specimen 0,5/3 µm
12AAN046	Battery
12BAG834	Touch pen
12BAL402	Touch Panel Protection
For Standard/R 0.75mN model	
178-296	Standard detector 2 µm
For Standard/R 4mN model	
178-390	Detector (5µm/90°/4mN)
For Standard/R models	
12AAA217	Nosepiece (flat)
12AAA218	Nosepiece (cylindrical)
For Standard model	
178-230-2	Standard Drive unit 17,5 mm



Display roughness profile



Display BAC

