

Optional Accessories for Surftest SJ-220/310

• Standard detectors

Order No.	Measuring force	Stylus profiles*	Remarks
178-296	0.75 mN	2 $\mu\text{mR}/60^\circ$	Dedicated to the standard/retractable drive unit
178-390	4 mN	5 $\mu\text{mR}/90^\circ$	
178-387	0.75 mN	2 $\mu\text{mR}/60^\circ$	Dedicated to the transverse tracing drive unit
178-386	4 mN	5 $\mu\text{mR}/90^\circ$	
178-391	4 mN	10 $\mu\text{mR}/90^\circ$	Dedicated to the standard/retractable drive unit

* Tip radius / Tip angles

• Gear-tooth surface detectors

Order No.	Measuring force	Stylus profiles*
178-388	0.75 mN	2 $\mu\text{mR}/60^\circ$
178-398	4 mN	5 $\mu\text{mR}/60^\circ$

* Tip radius / Tip angles

Detector

• Small hole detectors

Order No.	Measuring force	Stylus profiles*	Remarks
178-383	0.75 mN	2 $\mu\text{mR}/60^\circ$	Minimum measurable hole diameter: $\phi 4.5\text{mm}$
178-392	4 mN	5 $\mu\text{mR}/90^\circ$	

* Tip radius / Tip angles

• Deep groove detectors

Order No.	Measuring force	Stylus profiles*	Remarks
178-385	0.75 mN	2 $\mu\text{mR}/60^\circ$	Not available for the transverse tracing drive unit
178-394	4 mN	5 $\mu\text{mR}/90^\circ$	

* Tip radius / Tip angles

• Extra small hole detectors

Order No.	Measuring force	Stylus profiles*	Remarks
178-384	0.75 mN	2 $\mu\text{mR}/60^\circ$	Minimum measurable hole diameter: $\phi 2.8\text{mm}$
178-393	4 mN	5 $\mu\text{mR}/90^\circ$	

* Tip radius / Tip angles

Optional Accessories for Drive Units

• Nosepiece for flat surfaces

Nosepiece for flat surfaces
12AAA217

12AAA217

- Standard accessory for the standard/retractable drive unit of the SJ-310 Series
- Not available for the transverse tracing drive unit

• Nosepiece for cylindrical surfaces

Nosepiece for cylindrical surfaces
12AAA218

12AAA218

- Standard accessory for the standard/retractable drive unit of the SJ-310 Series
- Not available for the transverse tracing drive unit

• V-type adapter

12AAE644

- Transverse tracing type standard accessory.
- Dedicated to the transverse tracing drive unit.

• Point-contact adapter

12AAE643

- Transverse tracing type standard accessory.
- Dedicated to the transverse tracing drive unit.

• Extension rod (50 mm)

12AAA210 (Note: Only one rod can be used.)

- Not applicable to upward measurement.

Extension rod 50 mm
12AAA210

• Extension cable (1 m)

12BAA303 (Note: Only one rod can be used.)

- For the connection between the calculation display unit and drive unit

• Adapter for flat surface

12AAA219

- Not available for the transverse tracing drive unit

Adapter for flat surface
12AAA219

• Support feet set

Support feet set
12AAA216

12AAA216

- Standard accessory for the standard/retractable drive unit of the SJ-310 Series
- Not available for the transverse tracing drive unit
- Adjustment range is 28 mm from bottom face.

• Magnetic stand adapter

12AAA221

Mounting spigot diameter is 8 mm.

12AAA220

Mounting spigot diameter is 9.5 mm.

Magnetic stand adapter
12AAA221

• Height gage adapter

Note: Suitable for a height gage holder designed for 9x9 mm section scribers.

12AAA222 (9x9mm)

12AAA233 (1/4x1/2")

Height gage adapter
12AAA222