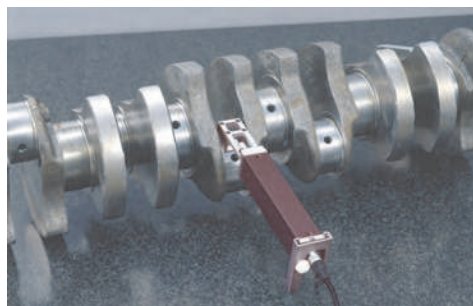


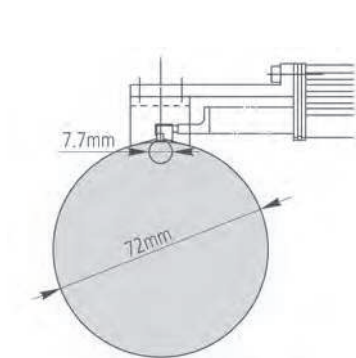
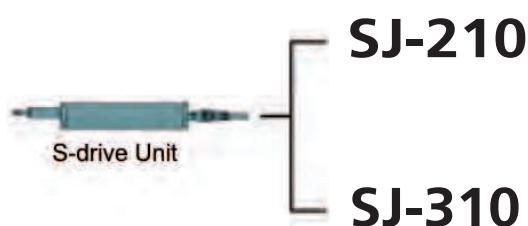
Transverse Measurement with the Surftest SJ-210 / SJ-310

Series 178 - S-type Drive Unit for Surftest SJ-210 / SJ-310

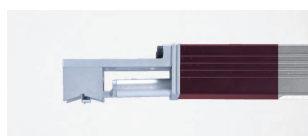
- The S-type transverse drive unit is compatible with the conventional drive units of the Surftest SJ-210 S / SJ-310 and is simply connected to the display unit of these drives.
- A typical application would be to position the S-type unit on a crankshaft journal bearing, as shown in the photograph below. Once started the S-type drive will track the stylus across the surface transversely to its own axis and reliably measure surface roughness in the direction of the crankshaft axis. Transverse tracking simplifies the measurement of surface roughness even in very confined situations, which has long been a problem with conventional instruments which allow only longitudinal measurement.



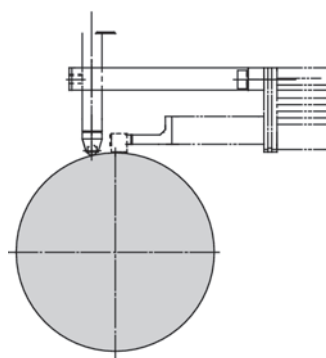
178-234-2



12AAE644
Adapter V (standard)



No.	Range
178-234-2	5,6 mm



12AAE643
Adapter tip (standard)

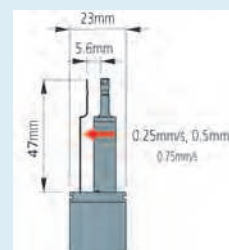


Specifications

Measuring speed	0,25 mm/s, 0,5 mm/s, 0,75 mm/s
Roughness standards	Ra 1 µm (No. 176-605)

Optional accessories

No.	Description
178-391	Detector for soft materials (5 µm/90°/4 mN)
178-392	Small hole detector min. Ø4,5 mm (5 µm/90°/4 mN)
178-393	Detector for very small holes Ø2,8 mm (5 µm/90°/4mN)
178-601	Roughness specimen 3 µm
178-604	Roughness specimen 0,5/3 µm
178-605	Roughness specimen 1 µm
12AAE643	Adapter tip
12AAE644	Adapter V type



Linear movement