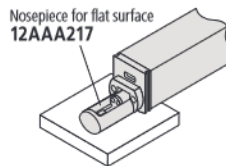


Optional accessories for SJ-210/310 Series

Drive unit accessories

Nosepiece for flat surfaces

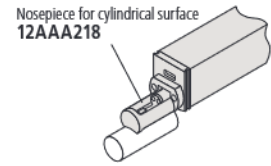
12AAA217



Note 1: Standard accessory for the standard/ retractable drive unit of the SJ-310 Series
 Note 2: Not available for the transverse tracing drive unit.

Nosepiece for cylindrical surfaces

12AAA218

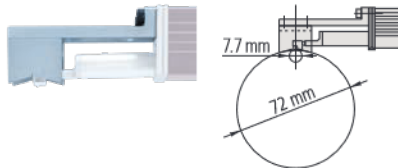


Note 1: Standard accessory for the standard/ retractable drive unit of the SJ-310 Series
 Note 2: Not available for the transverse tracing drive unit.

V-type adapter

12AAE644

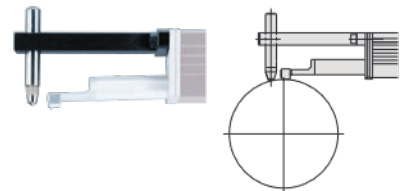
Note 1: Transverse tracing type standard accessory.
 Note 2: Dedicated to the transverse tracing drive unit.



Point-contact adapter

12AAE643

Note 1: Transverse tracing type standard accessory.
 Note 2: Dedicated to the transverse tracing drive unit.

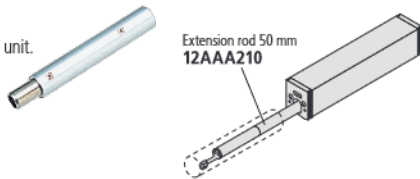


Extension rod (50 mm)

Note: Only one rod can be used.

12AAA210

Note: Not available for the transverse tracing drive unit.



Extension cable (1 m)

Note: Only one rod can be used.

12BAA303

Note: For connecting calculation display unit and drive unit.

Support feet set

12AAA216

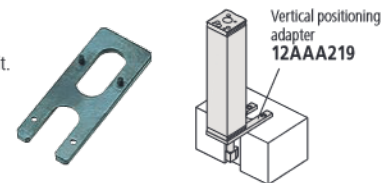


Note 1: Standard accessory for the standard/ retractable drive unit of the SJ-310 Series
 Note 2: Not attachable to the detector side of the transverse tracing drive unit.

Vertical positioning adapter

12AAA219

Note: Not available for the transverse tracing drive unit.



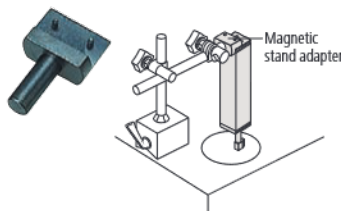
Magnetic stand adapter

12AAA221

(Mounting spigot diameter is 8 mm)

12AAA220

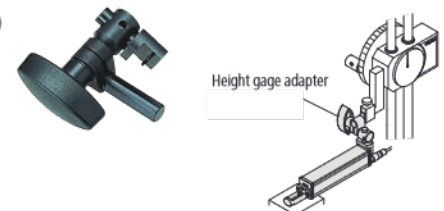
(Mounting spigot diameter is 9.5 mm)



Height gage adapter

12AAA222 (9 x 9mm)

12AAA233 (1/4 x 1/2")



Optional accessories for SJ-210/310 Series

Setting attachments

Note: Not available for the transverse tracing drive unit

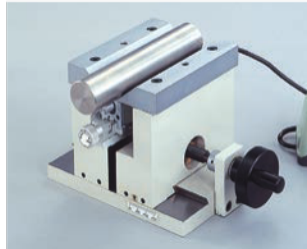
Enhances measurement efficiency by facilitating the measurement setup of multiple workpieces of the same type and of the hard-to-access sections of a workpiece.

Setting attachment: V type for measuring in the cylinder axis direction

The V-width is adjustable to the cylinder diameter facilitating axial measurement of a wide range of cylinder diameters.

- Adjustable range: $\phi 5 - \phi 150$ mm

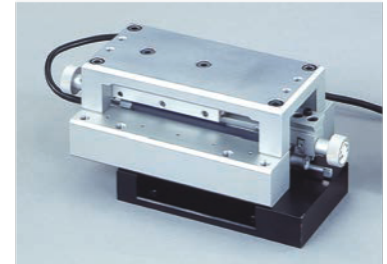
178-033



Setting attachment: Slider type

This attachment is ideal for measuring a flat area of a workpiece that has an indentation or step that makes it difficult to attach the drive unit.

178-034



Setting attachment: Inside diameter type

Greatly facilitates measurement of internal wall surfaces of, for example, a cylinder block.

- Applicable diameter: $\phi 75 - \phi 95$ mm
- Accessible depth: 30 - 135 mm

178-035



• Custom-made for special order

Any specified attachment other than above listed can be custom-made for special order.
Please consult your local Mitutoyo sales office.
Example: measurements for crankshaft, cylinder-block bores

Calculation results input unit INPUT TOOL

This unit allows you to load Surftest SJ-210/310 Series calculation results (SPC output) into commercial spreadsheet software on a PC via a USB connector. You can essentially use a one-touch operation to enter the calculation results (values) into the cells in the spreadsheet software.



USB Input Tool-Direct
USB-ITN-D
06AFM380D

USB Input Tool
USB keyboard signal conversion type*
IT-016U
264-016-10

* Requires the optional connection cable.
1 m: 936937
2 m: 965014

Digimatic mini processor DP-1VA LOGGER

By connecting this printer to the Surftest SJ-210/310 Series' digimatic output, you can print* calculation results, perform a variety of statistical analysis, draw a histogram or D chart, and also perform complicated operations for X-R control charts.

* The symbol ' μm ' is not printable, but measurement results can still be printed out without setting the measurement unit.



264-505A

- SJ-210/310 Series → DP-1VA LOGGER Connecting cable
1 m: 936937
2 m: 965014

Roughness specimen W



Display: Ra = Approx. 3 μm ,
Approx. 0.4 μm

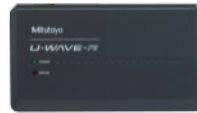
178-604

Note: Ra = Approx. 0.4 μm can only be used for stylus tip checking.

Measurement Data Wireless Communication System U-WAVE

This unit allows you to remotely load Surftest SJ-210/310 Series calculation results (SPC output) into commercial spreadsheet software on a PC.

You can essentially use a one-touch operation to enter the calculation results (values) into the cells in the spreadsheet software.



U-WAVE-R
(Connects to the PC)
02AZD810D



U-WAVE-T*
(Connects to the SJ-210/310 Series)
02AZD880G

* Requires the optional connection cable.
02AZD790D



Example of the connection with SJ-210

Foot switch

A foot switch is used to trigger measurement. This tool is very useful in cases where you need to measure the same workpiece multiple times using jigs and other fixtures.



12AAJ088

Memory card (2GB / 8GB)



12AAW452 / 64PMI244

Note 1: micro SD card (with a conversion adapter to SD card)

Note 2: Not all memory cards can be recognized. Please use the optional SD memory card.