

# Mitutoyo

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## SJ SERIES - SUPER SALE

THE LEGEND OF MOBILE SURFACE ROUGHNESS MEASUREMENT  
NOW FOR THE BEST PRICE YOU'LL EVER GET

VALID WHILE STOCKS LAST

MITUTOYO SURFTEST SJ-SERIES  
PROMOTION 2020





## Mobile surface roughness measurement Surftest SJ-210 / Surftest SJ-310

- > The portable instruments allow for easy and accurate surface roughness measurement.
- > Made for on-site use, the SJ-210 has a sturdy design perfect for industrial environments.
- > EN ISO conform stylus radius of 2 µm, with a measuring force of 0,75 mN.
- > EN ISO conform skid radius of 40 mm – convenient for surface roughness  $\lambda_c = 0,8$  mm.
- > Both devices support VDA standard and special parameters such as Rz1max.
- > The color LCD provides excellent readability and includes a backlight for improved visibility.
- > Easy and intuitive menu navigation.
- > The SJ-310 drastically improves operation time thanks to its touchscreen and built-in printer. With the choice to print results, profiles, conditions, and more automatically or on demand, you are provided with a physical copy of the information right away.
- > Using colored tolerance judgment, both instruments can provide users with a quick but accurate analysis.

SJ-310

SJ-210

- > The SJ series performs roughness analyses according to various international standards (EN ISO, VDA, ANSI, JIS) and customized settings.
- > Both the SJ-210 and SJ-310 are available with a standard detector as well as two others with retracting (R-type) or traversing (S-type) functionality.
- > The SJ-210 comes in two different language sets with a total support of 21 languages.

### SURFTEST SJ-210

No.	Designation	List price €	Promotion price €
178-560-01D	Surftest SJ-210 [mm]	2.215,00	1.799,00
Tip radius: 2 µm; Measuring force: 0,75 mN Switchable between 16 languages: Japanese, English, German, French, Italian, Spanish, Portuguese, Czech, Polish, Hungarian, Turkish, Swedish, Dutch, Korean, Traditional Chinese, Simplified Chinese			
178-560-02D	Surftest SJ-210 [mm]	2.215,00	1.799,00
Tip radius: 5 µm; Measuring force: 4 mN Switchable between 16 languages (178-560-01D)			
178-560-03D	Surftest SJ-210 [mm]	2.215,00	1.799,00
Tip radius: 2 µm; Measuring force: 0,75 mN Switchable between 16 languages: Japanese, English, Russian, Slovenian, Rumanian, Bulgarian, Finnish, German, French, Italian, Spanish, Czech, Polish, Hungarian, Turkish, Swedish			
178-561-02E	Surftest SJ-210 [inch/mm]	2.215,00	1.799,00
Tip radius: 5 µm; Measuring force: 4 mN - Switchable Metric / Imperial Switchable between 16 languages (See 178-560-01D)			
178-562-01D	Surftest SJ-210R [mm]	2.575,00	1.999,00
Tip radius: 2 µm; Measuring force: 0,75 mN; R-type Switchable between 16 languages (See 178-560-01D)			
178-564-01D	Surftest SJ-210S [mm]	4.100,00	3.199,00
Tip radius: 2 µm; Measuring force: 0,75 mN; S-type Switchable between 16 languages (See 178-560-01D)			
178-565-02E	Surftest SJ-210S [inch/mm]	4.100,00	3.199,00
Tip radius: 5 µm; 4 mN; S-type - Switchable Metric / Imperial Switchable between 16 languages (See 178-560-01D)			

Detector types  
SJ-210 & SJ-310



See all Details  
on SJ-210:  
[shop.mitutoyo.eu](http://shop.mitutoyo.eu)



See all Details  
on SJ-310:  
[shop.mitutoyo.eu](http://shop.mitutoyo.eu)

### SURFTEST SJ-310

No.	Designation	List price €	Promotion price €
178-570-01D	Surftest SJ-310 [mm]	4.450,00	3.499,00
Tip radius: 2 µm; Measuring force: 0,75 mN Switchable between 16 languages: Japanese, English, German, French, Italian, Spanish, Portuguese, Czech, Polish, Hungarian, Turkish, Swedish, Dutch, Korean, Traditional Chinese, Simplified Chinese			
178-571-01E	Surftest SJ-310 [inch/mm]	4.330,00	3.399,00
Tip radius: 2 µm; Measuring force: 0,75 mN Switchable between Metric / Imperial Switchable between 16 languages (See 178-570-01D)			
178-571-02E	Surftest SJ-310 [inch/mm]	4.450,00	3.499,00
Tip radius: 5 µm; Measuring force: 4 mN Switchable between Metric / Imperial Switchable between 16 languages (See 178-570-01D)			
178-572-01D	Surftest SJ-310R [mm]	4.800,00	3.699,00
Tip radius: 2 µm; Measuring force: 0,75 mN; R-type Switchable between 16 languages (See 178-570-01D)			
178-574-01D	Surftest SJ-310S [mm]	6.300,00	4.899,00
Tip radius: 2 µm; Measuring force: 0,75 mN; S-type Switchable between 16 languages (See 178-570-01D)			

### ACCESSORIES FOR SJ-210, SJ-310, and SJ-410

No.	Designation	List price €
178-010	<b>Auto-set unit</b>	2.370,00
This unit enables automatic positioning on the Z-axis thanks to the auto-set function. Easy to use, measurement, saving, and auto-return are all possible with single-button operation.		
178-020	<b>X-axis adjustment unit</b>	1.220,00
Used for highly precise horizontal movement, this unit helps fine-tune positioning.		
178-029	<b>Simple column stand for SJ-210/-310</b>	738,00
Can be adjusted to match the height of the item to be measured. Vertical adjustment range: 250 mm Dimensions: 400 x 250 x 555 mm Mass: 20 kg To connect the SJ-210/310 drive unit to the column an optional adapter (12AAA221) needs to be ordered separately.		
178-030	<b>Tilting adjustment unit</b>	1.800,00
This is used for aligning the detector with the workpiece surface, supporting the DAT function to make the process of alignment as easy as possible.		
178-039	<b>Simple column stand for SJ-410</b>	732,00
Same as 178-029 but with 400 x 250 x 578 mm in size and intended for SJ-410.		



### High straightness drive unit

Straightness / traverse length  
0,3 µm / 25 mm (SJ-411)  
0,5 µm / 50 mm (SJ-412)



## Mobile or Stationary Roughness Measurement – Skidless Surftest SJ-410 Series

- > Portable instrument that allows easy and accurate on-site measuring of surface roughness independently of external power sources.
- > The SJ-410 series' skidless design enables the creation of primary profiles (P), roughness profiles (R), waviness profiles (W), and more. It also offers surface compensation of curved, radial, and tilted surfaces.
- > The instrument features a high straightness drive unit with a traverse length of 25 mm and 50 mm. Compatible with both, is a large number of easy to replace styli for customers to choose from.
- > Boasting comfortable use, it retains the same easy and intuitive menu navigation as the rest of the SJ Series.
- > The large 14,5 cm color LCD touchscreen facilitates easy readout and operation in multiple languages.
- > With the built-in printer, results, profiles, conditions, and more can be printed out automatically or on demand.
- > Brilliant optional accessories like the Autoset unit, X-axis adjustment unit, and digital leveling unit can be mounted on the granite stand – individually or in combination



See all Details  
on SJ-410:  
[shop.mitutoyo.eu](http://shop.mitutoyo.eu)

### SURFTEST SJ-410

No.	Designation	List price €	Promotion price €
178-580-01D	Surftest SJ-411 [mm]	8.430,00	6.899,00
Tip radius: 2 µm; Measuring force: 0,75 mN; X= 25 mm Switchable between 16 languages: Japanese, English, German, French, Italian, Spanish, Portuguese, Czech, Polish, Hungarian, Turkish, Swedish, Dutch, Korean, Traditional Chinese, Simplified Chinese			
178-580-02D	Surftest SJ-411 [mm]	8.430,00	6.899,00
Tip radius: Measuring force: 5 µm; 4 mN; X= 25 mm Switchable between 16 languages (See 178-580-01D)			
178-581-01E	Surftest SJ-411 [inch/mm]	8.430,00	6.899,00
Tip radius: Measuring force: 2 µm; 0,75 mN; X= 25 mm - Switchable between Metric / Imperial. Switchable between 16 languages (See 178-580-01D)			
178-581-02E	Surftest SJ-411 [mm]	8.430,00	6.899,00
Tip radius: 5 µm; Measuring force: 4 mN; X= 50 mm Switchable between 16 languages (See 178-580-01D)			
178-582-01D	Surftest SJ-412 [mm]	9.900,00	7.899,00
Tip radius: 5 µm; Measuring force: 4 mN; X= 25 mm Switchable between 16 languages (See 178-580-01D)			
178-583-01E	Surftest SJ-412 [mm]	9.900,00	7.899,00
Tip radius: 2 µm; Measuring force: 0,75 mN; X= 50 mm Switchable between 16 languages (See 178-580-01D)			



# Surftest Mix & Match

Combine your Mitutoyo SJ Series with one of our most desired accessory bundles and save even more!

No.	Designation	List price €	Promotion price €
SJSET01	<b>SJ-Series Granite Stand Bundle 1</b>  Granite stand 178-029 and adapter 12AAA221  To be connected with the SJ-210/310 drive unit, the granite stand and adapter make it possible to adjust and match the height of the item to be measured.	<del>783,00</del>	599,00
SJSET02	<b>SJ-Series Granite Stand Bundle 2</b>  Granite stand 178-039 and Auto-set unit 178-010 This bundle coming with the auto-set unit and granite stand enables measurements with Surftest SJ-410 to be made with a single button push, saving you time and increasing work efficiency.	<del>3.102,00</del>	2.499,00
SJSET03	<b>SJ-Series Data Management Bundle 1</b>  USB Input Tool Direct (Digimatic USB) Flat 10-Pin Type 06AFM380D and software USB-ITPAK V 2.1 with Dongle 06AFM386  Created for customers who do not already own USB-ITPAK, this bundle allows you to load calculation results from the Surftest SJ to commercial spreadsheet software on a PC. Essentially, this can be performed with a one-touch operation to enter the values directly into the spreadsheet cells.	<del>360,00</del>	289,00
SJSET04	<b>SJ-Series Data Management Bundle 2</b>  U-WAVE-R (receiver) + Software 02ADZ810D, U-WAVE-T Buzzer Type Wireless Transmitter 02AZD880G, U-WAVE-T Connection Cable D Flat 10-Pin Type 02AZD790D and software USB-ITPAK V 2.1 with Dongle 06AFM386  Created for customers who do not already own the U-WAVE-R receiver, this bundle allows you to load calculation results from the Surftest SJ to commercial spreadsheet software on a PC wirelessly. Essentially, this can be performed with a one-touch operation to enter the values directly into the spreadsheet cells.	<del>827,00</del>	659,00
SJSET05	<b>SJ-Series Data Management Bundle 3</b>  U-WAVE-T Buzzer Type Wireless Transmitter 02AZD880G and U-WAVE-T Connection Cable D Flat 10-Pin Type 02AZD790D  Created for customers who already own the U-WAVE-R receiver, this bundle allows you to load calculation results from the Surftest SJ to commercial spreadsheet software on a PC. Essentially, this can be performed with a one-touch operation to enter the values directly into the spreadsheet cells.	<del>250,00</del>	199,00



Find additional product literature and our complete catalog here.

[www.mitutoyo.eu](http://www.mitutoyo.eu)

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