

# Surftest SJ-210- Series 178-Portable Surface Roughness Tester




## Series 178

### FEATURES

- The 2.4-inch color graphic LCD provides excellent readability and an intuitive display that is easy to negotiate. The LCD also includes a backlight for improved visibility in dark environments.
- The Surftest SJ-210 can be operated easily using the buttons on the front of the unit and under the sliding cover.
- Up to 10 measurement conditions and one measured profile can be stored in the internal memory.
- An optional memory card can be used as an extended memory to store large quantities of measured profiles and conditions.
- Access to each feature can be password-protected, which prevents unintended operations and allows you to protect your settings.
- The display interface supports 16 languages, which can be freely switched.
- An alarm warns you when the cumulative measurement distance exceeds a preset limit.
- The Surftest SJ-210 complies with the following standards: JIS (JIS-B0601-2001, JIS-B0601-1994, JIS B0601-1982), VDA, ISO- 1997, and ANSI.
- In addition to calculation results, the Surftest SJ-210 can display sectional calculation results and assessed profiles, load curves, and amplitude distribution curves.

### Specifications

|                      |                              |   |                               |                               |  |  |
|----------------------|------------------------------|---|-------------------------------|-------------------------------|--|--|
| Order No.            | 178-561-01A                  | 178-561-02A   | 178-563-01A                   | 178-563-02A                   | 178-565-01A                            | 178-565-02A                            |
| Model No             | SJ-210                       | SJ-210  | SJ-210                        | SJ-210                        | SJ-210                                 | SJ-210                                 |
| Image                | -                            |  | -                             | -                             | -                                      | -                                      |
| Drive Unit           | Standard type<br>(178-230-2) | Standard type<br>(178-230-2)  | Retractable type<br>(178-235) | Retractable type<br>(178-235) | Transverse tracing type<br>(178-233-2) | Transverse tracing type<br>(178-233-2) |
| Detector             | 0.75mN type<br>(178-296)     | 4mN type<br>(178-390)   | 0.75mN type<br>(178-296)      | 4mN type<br>(178-390)         | 0.75mN type<br>(178-387)               | 4mN type<br>(178-386)                  |
| Display unit         | Compact type<br>(178-253A)   | Compact type<br>(178-253A)  | Compact type<br>(178-253A)    | Compact type<br>(178-253A)    | Compact type<br>(178-253A)             | Compact type<br>(178-253A)             |
| Stylus tip radius    | 2µm                          | 5µm   | 2µm                           | 5µm                           | 2µm                                    | 5µm                                    |
| Dect measuring force | 0.75mN                       | 4mN   | 0.75mN                        | 4mN                           | 0.75mN                                 | 4mN                                    |

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