Mitutoyo

Portable Surface Roughness Tester

Surftest SJ-310 [inch/mm]
R5µm; 4mN
Item number: 178-571-02E

Description

This is a portable measuring instrument that allows you to easily and accurately measure surface roughness.

The Surftest SJ-310 offers you the following benefits:

- Skid system with touch-screen functionality and built-in printer.
- It works independently of mains power, allowing you to make on-site measurements.
- Easy and intuitive menu navigation.
- The large **14.5 cm** [5.7"] colour LCD gives you high visibility.
- It performs roughness analyses conform to various international standards (EN ISO, VDA, ANSI, JIS) and customized settings.
- You can store up to 10 different measuring conditions inside the SJ-310, and up to 500 with an optional SD card.

- Statistical analysis and coloured tolerance judgement.
- 2 different evaluation conditions within 1 measurement adjustable.
- You can separately password protect many functions.
- It comes with support for 16 languages.

Specification

Stylus tip radius:	**5 μm**
Stylus:	**Diamond Tip**
Skid radius:	**40 mm**
Profiles:	**Roughness Profile (R), R-Motif, DF-Profile and more**
Roughness standard:	**EN ISO, VDA, JIS, ANSI and customize settings**
Digital filter:	**Gauss, 2CR75, PC75**
Cut-off length:	**λc : 0.08 mm; 0.25 mm; 0.8 mm; 2.5 mm; 8 mm** **λs : 2.5 μm; 8 μm**
Printer:	**Thermal Printer**
Inch-Metric:	**Inch/Metric**