

## Mitutoyo Surftest SJ-411 | 0.75mN Measuring Force

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

### The Surftest SJ-410 offers you the following benefits:

- Skidless 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.
- The skidless detector allows you to measure the primary profile (P), roughness profile (R), waviness profile (W) and more.
- Surface compensation of curved, radial and tilted surfaces.
- 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-410, and up to 500 with an optional SD card.
- It allows two different evaluation conditions within one measurement adjustable.
- You can separately password protect many functions.
- It comes with support for 16 languages.
- Available options include an auto-set unit, X-axis fine adjustment and digital levelling unit.



Specifications	Details
Functions	Surftest SJ-411 Traverse : 25 mm Traverse straightness : 0.3 $\mu\text{m}$ / 25 mm
Power Supply	AC adapter or rechargeable battery
Profiles	Primary Profile (P), Roughness Profile (R), Waviness (W), MOTIF (R, W) and more
Digital filter	Gauss, 2CR75, PC75
Standard	EN ISO, VDA, JIS, ANSI and customize settings
Measuring method	Skidless - Differential inductance
Range	800 $\mu\text{m}$ ; 80 $\mu\text{m}$ ; 8 $\mu\text{m}$ (up to 2,4 mm with an optional stylus)