# ROUGHNESS TESTER (COMPACT TYPE)
# CODE ISR-C200

INSIZE PLUS
MADE IN EUROPE

BLUETOOTH | DATA OUTPUT | PROBE CAN BE CHANGED

VIDEO




- The product is light, reliable and durable
- 13 roughness parameters
- Can be operated by mobile phones (only Android system) or computers
- Measurement results can be exported in Excel and PDF format
- Memory of 18000 measurements with only parameters or 30 measurements with graph
- Automatic power off



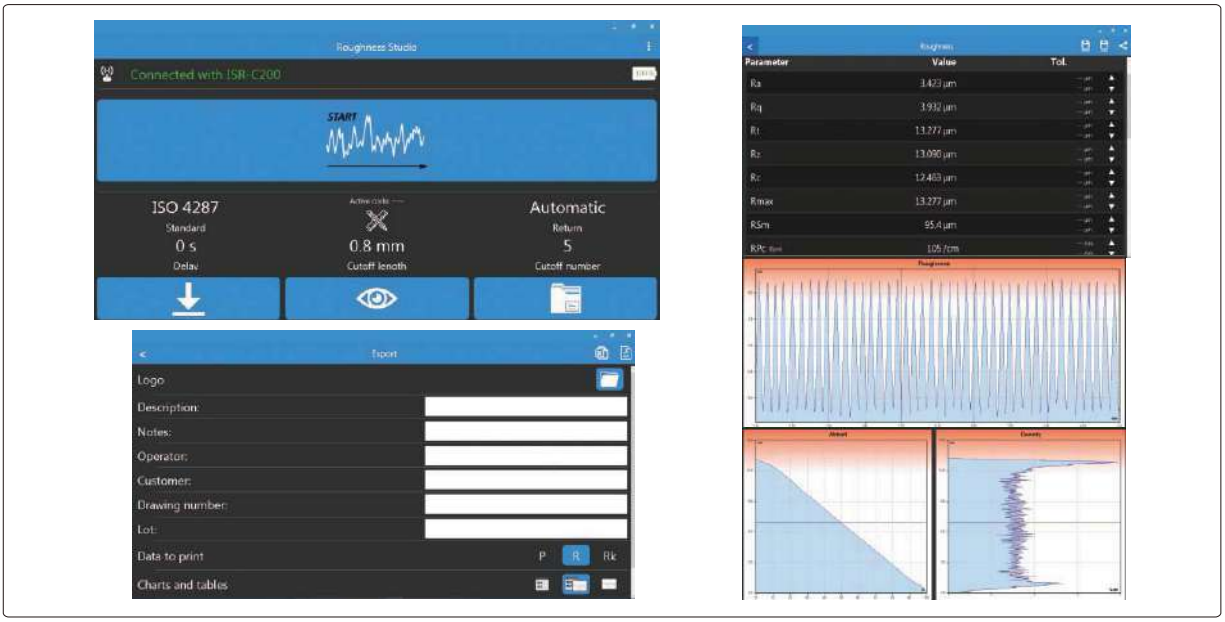
probe can be set at 90°,
for transverse measurement



probe cover (included)



adjustable stand (included)




measuring software (included), connect to mobile phones via bluetooth (only Android system) to control roughness tester, or connect to computers via USB cable or bluetooth to control roughness tester, display roughness values and curve, results can be exported in Excel and PDF format

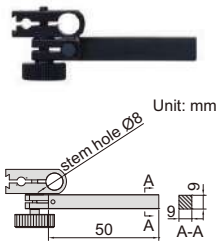
magnetic stand adapter (included)






can be installed on magnetic stands

dial test indicator holder (**optional**)






can be installed on height gages

## SPECIFICATION

| | | |
|---|---|---|
| **Parameters** | | Ra, Rq, Rt, Rz, Rc, Rmax, RSm, Rpc, Pt, R, AR, Rx, Ppc |
| **Range** | **X axis** | 17.5mm |
| | **Z axis** | 250μm |
| **Accuracy** | | ±(5%+0.025)μm |
| **Resolution (Ra)** | | 0.001μm |
| **Probe** | **type** | inductive |
| | **stylus radius/angle** | 2μm/90° |
| | **stylus material** | diamond |
| **Measuring unit** | | μm/μin |
| **Cut off** | | 0.25/0.8/2.5mm |
| **Number of cut-off** | | 1~5 |
| **Moving speed** | | 0.5mm/s, 1mm/s |
| **Memory** | | 18000 measurements with only parameters, 30 measurements with graph |
| **Power** | | built-in rechargeable battery |
| **Dimension (L×W×H)** | | 160×34×33.5mm |
| **Weight** | | 200g |

## STANDARD DELIVERY

| | |
|---|---|
| **Main unit** | 1 pc |
| **Standard probe** | 1 pc |
| **Calibration block** | 1 pc |
| **Adjustable stand** | 1 pc |
| **Probe cover** | 1 pc |
| **Magnetic stand adapter** | 1 pc |
| **Software and USB cable** | 1 pc |
| **AC/DC adapter** | 1 pc |

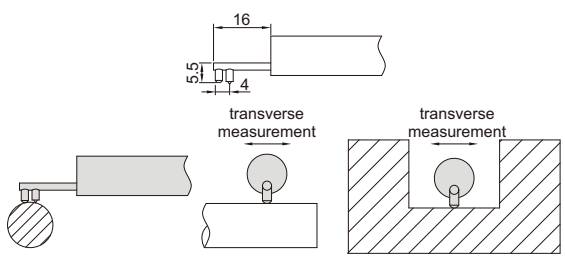
## OPTIONAL ACCESSORY

| | |
|---|---|
| **Dial test indicator holder** | **6293-6** |
| **Groove probe** | **ISR-C200-SB21** |
| **Small hole probe** | **ISR-C200-SB31** |
| **Deep groove probe** | **ISR-C200-SB121** |
| **Extension rod** | **ISR-C200-ER50** |
| **Extension rod** | **ISR-C200-ER100** |

## SPECIFICATION OF PROBES

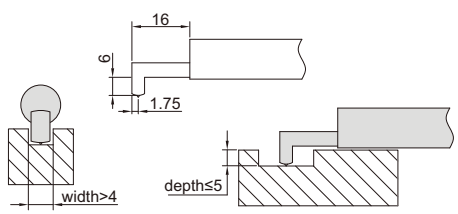
Unit: mm

**standard probe** (included)



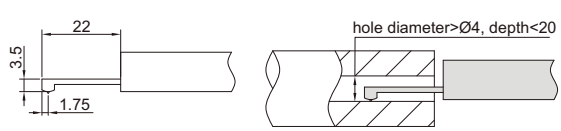

measurement for plane surfaces, also transverse measurement for plane surfaces, cylinders and grooves

**groove probe (optional), code ISR-C200-SB21**



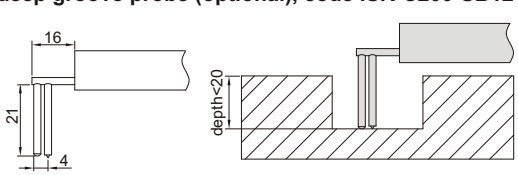

measure plane surfaces and grooves

**small hole probe (optional), code ISR-C200-SB31**



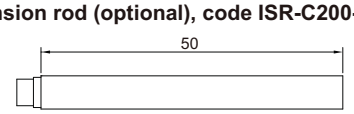

measure holes with diameter>Ø4mm and depth<20mm

**deep groove probe (optional), code ISR-C200-SB121**



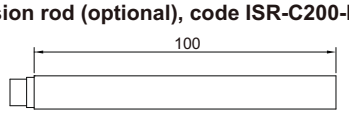

measure grooves with depth<20mm

**extension rod (optional), code ISR-C200-ER50**




for long holes

**extension rod (optional), code ISR-C200-ER100**




for long holes