

# SR400

# ROUGHNESS TESTER



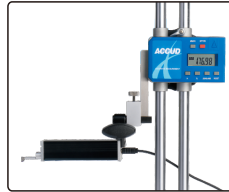
- ◆ The probe can be working with the main unit separately
- ◆ 22 roughness parameters
- ◆ With probe position indicator
- ◆ Roughness values, profile, and curve can be shown on the display
- ◆ Memory of maximum 100 results
- ◆ Automatic power off
- ◆ With manufacturer inspection certificate



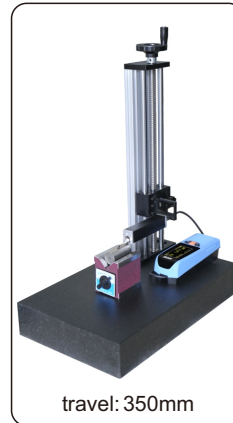
unit: mm

<b>Stand probe</b>	
<b>Curved surface probe</b>  Ø>15mm Ø>10mm	
<b>Groove probe</b> (groove height<10mm)	
<b>Small hole probe</b> (hole dia. >2mm)	
<b>Extension rod</b>	

Working with height gauge



Work together



Heavy duty test stand SR200-STD (optional)



Light duty test stand SR200-STD1 (optional)

### SPECIFICATION

<b>Parameters</b>	Ra, Rz, Rq, Rp, Ry, Rv, Rs, R3z, R3y, Rc, Rt, Rmax, Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Rz(JIS)	
<b>Range (Z axis)</b>	±80μm	
<b>Accuracy</b>	±10%	
<b>Resolution(Ra)</b>	0.001μm	
<b>Probe</b>	<b>type</b>	inductive
	<b>stylus radius/angle</b>	5μm/90°
	<b>stylus material</b>	diamond
<b>Measuring force</b>	4mN	
<b>Measuring unit</b>	μm/μin	
<b>Cut off</b>	0.25/0.8/2.5mm	
<b>Number of cut-offs</b>	1-5	
<b>Traverse speed</b>	0.5mm/s, 1mm/s	
<b>Memory</b>	100 measurement results	
<b>Output</b>	USB	
<b>Power</b>	built-in rechargeable battery	
<b>Dimension(L×W×H)</b>	158×64×52mm	
<b>Weight</b>	400g	

### INCLUDED ACCESSORIES

<b>Main unit</b>	1pc
<b>Standard probe</b>	1pc
<b>Calibration block</b>	1pc
<b>Calibration support</b>	1pc
<b>Cable(long and short)</b>	2pcs
<b>USB cable and software</b>	1pc
<b>AC/DC adapter</b>	1pc

### OPTIONAL ACCESSORIES

<b>50mm extension rod</b>	SR400-ER
<b>Curved surface probe</b>	SR400-02
<b>Deep groove probe</b>	SR400-03
<b>Small hole probe</b>	SR400-04
<b>Heavy duty test stand</b>	SR200-STD
<b>Light duty test stand</b>	SR200-STD1
<b>Printer</b>	SR400-PR
<b>Connector for height gage</b>	SR400-SP1

\* NEW