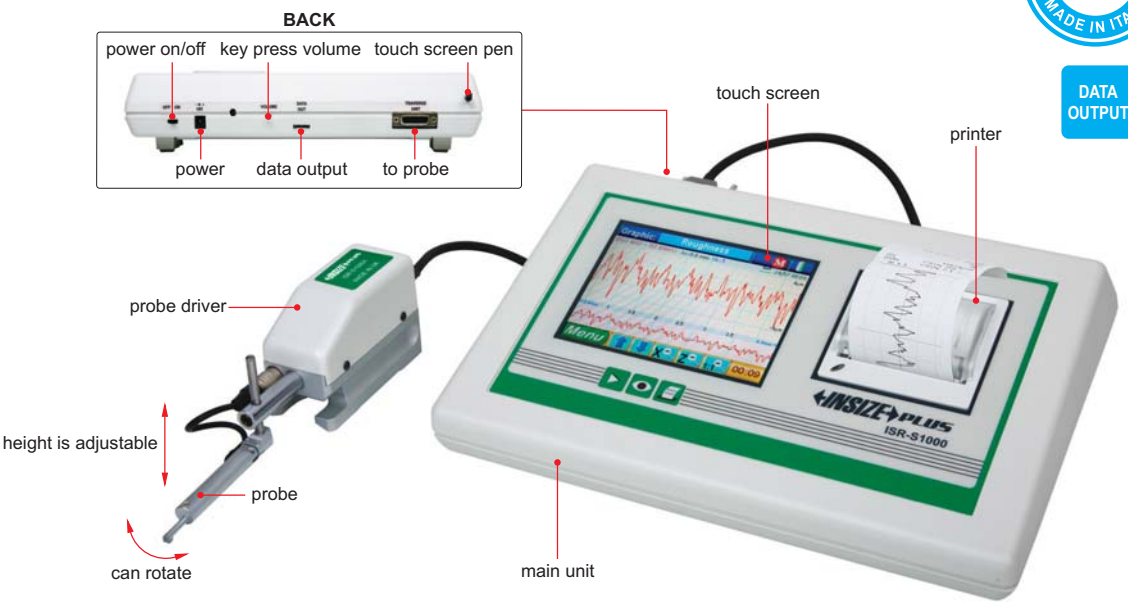
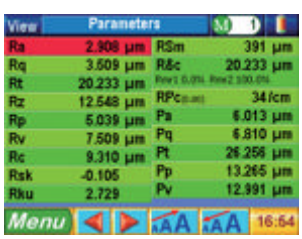
SURFACE ROUGHNESS TESTER
CODE ISR-S1000A



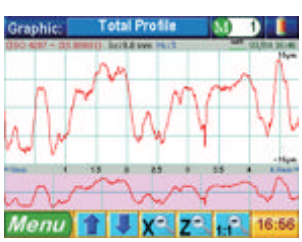

handhold use


probe can be inverted

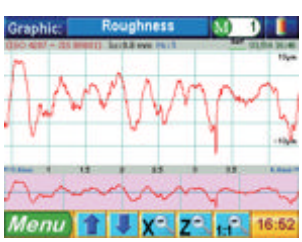
- 38 roughness parameters according to ISO-4287, JIS-B0601, ISO-12085, JIS-B0631
- Automatic probe leveling
- Measuring range up to 1000µm, can measure grit and shot blasting
- Traverse length up to 25mm
- The probe can be set at 90° or 270°, for transverse measurement
- Color touch screen, display roughness values, profile and curves
- Can print roughness values, profile and curves
- Memory of maximum 1000 results
- Can set tolerance



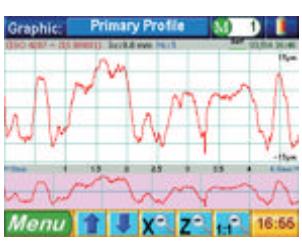
measurement result



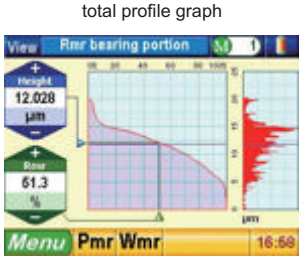
total profile graph



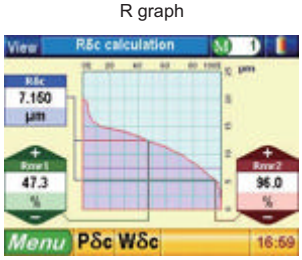
R graph



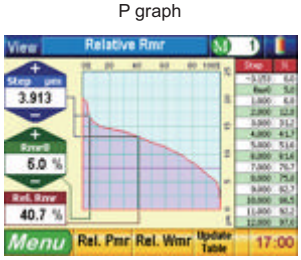
P graph



Rmr, Pmr analysis



Rδc, Pδc analysis



Rel. Rmr, Rel. Pmr analysis

To be continued

Continued from previous page

SURFACE ROUGHNESS TESTER
CODE ISR-S1000A

SPECIFICATION

Parameters		Ra, Rq, Rt, Rz, Rp, Rv, Rc, Rsk, Rku, Rsm Rδc, RPc, Pa, Pq, Pt, Pp, Pv, Pc, PSm, Pδc PPc, Rk, Rpk, Rvk, Mr1, Mr2, Rmax, R3z, R3zm R, AR, Rx, Aw, Rke, Rpke, Rvke, Mr1e, Mr2e
Range		1000μm
Accuracy		±3%
Resolution (Ra)		0.001μm
Probe	**type**	inductive
	stylus radius/angle	5μm/90°
	stylus material	diamond
Measuring force		0.75mN
Measuring unit		μm/μin
Cut off		0.08/0.25/0.8/2.5mm
Number of cut-offs		1-19 (cut off 0.08/0.25/0.8mm) 1-9 (cut off 2.5mm)
Traverse speed		0.5mm/s or 1mm/s
Memory		1000 measurement results
Output		USB
Power		built-in rechargeable battery
Dimension (L×W×H)		320×210×80mm
Weight		2.2kg

STANDARD DELIVERY

Main unit	1pc
Probe driver	1pc
Standard probe	1pc
Calibration block	1pc
AC/DC adapter	1pc

OPTIONAL ACCESSORY

Probe	refer to next page
USB cable and software	**ISR-S-SOFTWARE**
Test stand	**ISR-S400-DK**



test stand (optional)

measuring software (optional)



measuring software (optional), can control the roughness tester, display roughness values, profile and curve, data statistics

To be continued

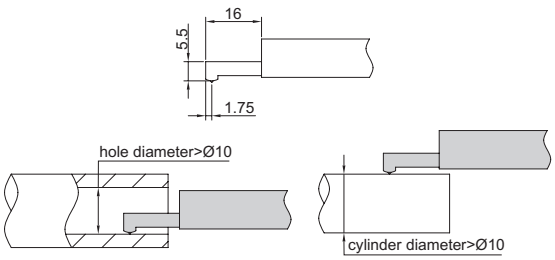
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SURFACE ROUGHNESS TESTER
CODE ISR-S1000A

SPECIFICATION

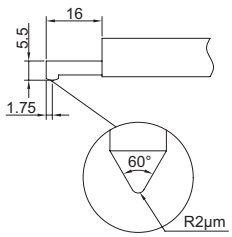
Unit: mm

standard probe (included), code ISR-SB10A



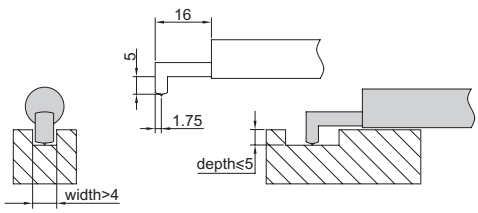
measure plane surfaces, holes and cylinders with diameter>Ø10mm

small roughness probe (optional), code ISR-SB10A-R2



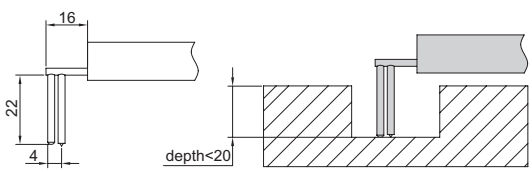
measure surfaces with small roughness

groove probe (optional), code ISR-SB20A



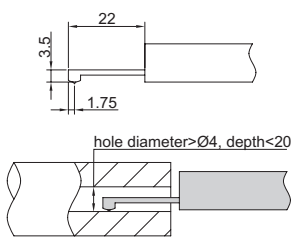
measure plane surfaces and grooves

deep groove probe (optional), code ISR-SB120A



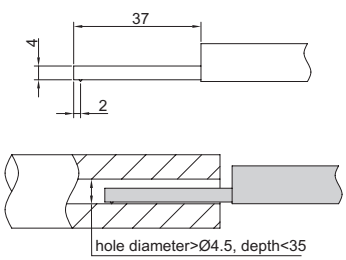
measure grooves with depth<20mm

small hole probe (optional), code ISR-SB30A



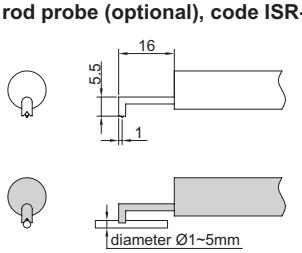
measure plane surfaces and holes with diameter>Ø4mm and depth<20mm

deep hole probe (optional), code ISR-SB80A



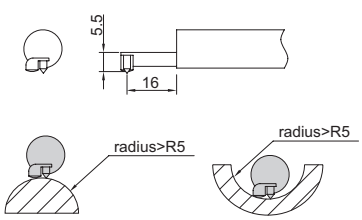
measure holes with diameter>Ø4.5mm and depth<35mm

small rod probe (optional), code ISR-SB40A



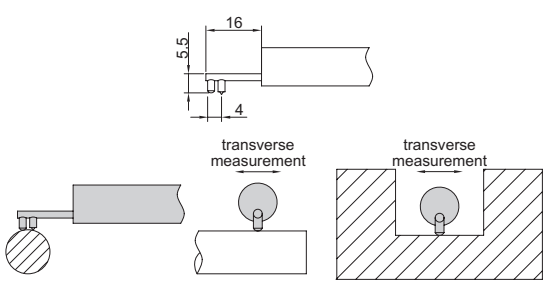
measure small rods with diameter Ø1~5mm

cylinder/hole probe (optional), code ISR-SB110A



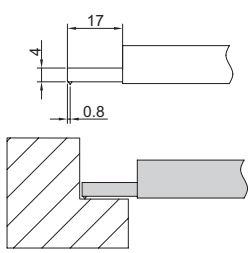
measure cylinders and holes with radius>R5mm

transverse probe (optional), code ISR-SB50A



transverse measurement for plane surfaces, cylinders and grooves

internal angle probe (optional), code ISR-SB140A



measure internal angles