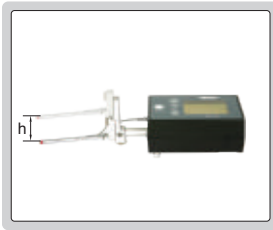
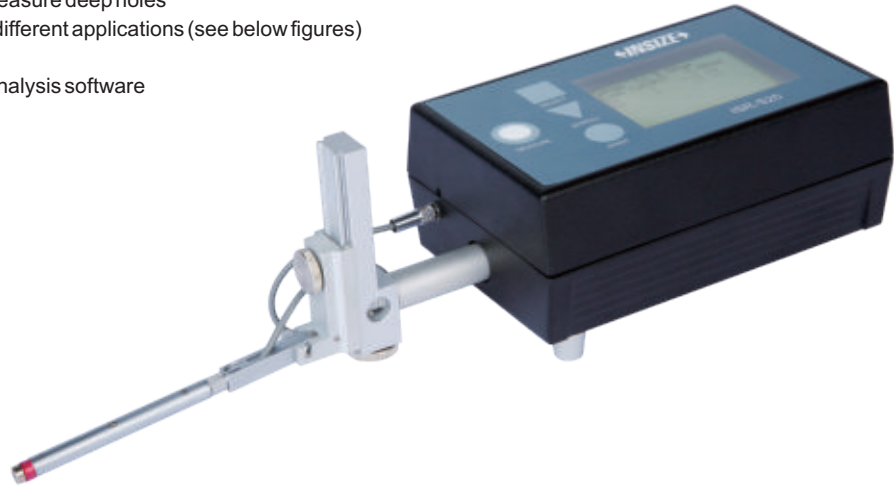
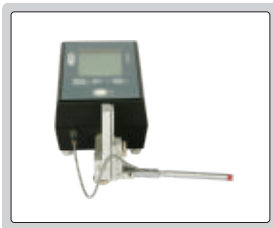


ROUGHNESS TESTER CODE ISR-S25

- High accuracy($\pm 2\%$)
- Fast measuring speed
- Long traverse length(25.4mm)
- Long pick-up (60.8mm), easy to measure deep holes
- Unique pick-up lift mechanism for different applications (see below figures)
- Storage of up to 100 readings
- Supplied with measurement and analysis software
- Metric/inch conversion($\mu\text{m}/\mu\text{in}$)



adjustable height ($h < 55\text{mm}$)



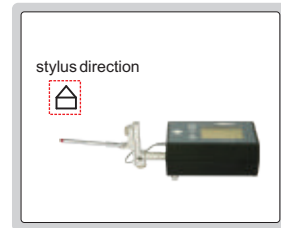
at 90°



at 270°



rotated($-90^{\circ} \sim +90^{\circ}$)



inverted

SPECIFICATION

Parameters		Ra, Rz, Rt, Rp, Rmr, Rpc, Rsm, Rz1max, Rsk, Rda
Range		300 μm
Accuracy		$\pm 2\%$
Resolution		0.1 μm
Pick-up	type	inductive
	stylus radius	5 μm
	stylus material	diamond
Measuring force		1.50-3mN
Filter		2CR or Gaussian
Cut off		0.25/0.8/2.5mm
Traverse length		0.25-25.4mm
Traverse speed		1mm/s
Memory		100 measurement results
Output		RS232
Powersupply		9V battery
Dimension(L×W×H)		127×85×60mm(pick-up is not included)
Weight		450g

To be continued

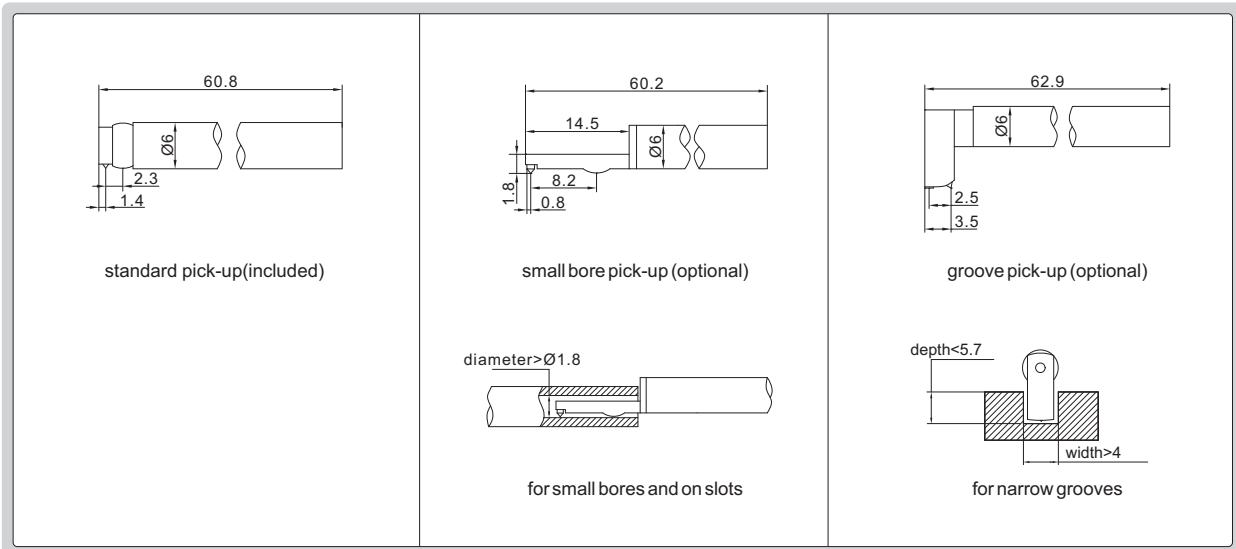
STANDARD DELIVERY

Main unit	1pc
Standard pick-up	1pc
Calibration block	1pc
RS232 connection cable	1pc
Software disc	1pc
9V battery	1pc

OPTIONAL ACCESSORY

Small bore pick-up	ISR-S25-SBP
Groove pick-up	ISR-S25-RP

unit: mm



MEASUREMENT AND ANALYSIS SOFTWARE

- Display the roughness profile
- Zoom functions for the profile
- Calculate the roughness according to the profile
- Choose any section on the profile and calculate the roughness
- Display the Abbott-Firestone curve/depth distribution

