

# ROUGHNESS TESTER CODE ISR-C002

probe cover (included)



put the small workpieces directly under the probe for measurement

adjustable stand (included)



Unit: mm

wireless printer (optional)



light duty test stand (optional)



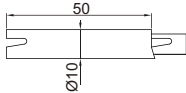
the maximum workpiece height is 220mm

heavy duty test stand (optional)



the maximum workpiece height is 310mm

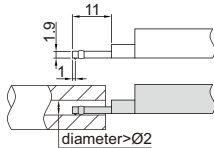
extension rod (optional),  
code ISR-C002-ER



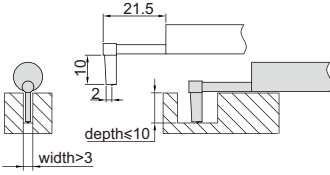
transverse rod (optional),  
code ISR-C002-TR



small hole probe (optional),  
code ISR-C002-SBP



deep groove probe (optional),  
code ISR-C002-DGP



software CD  
(included)



VIDEO

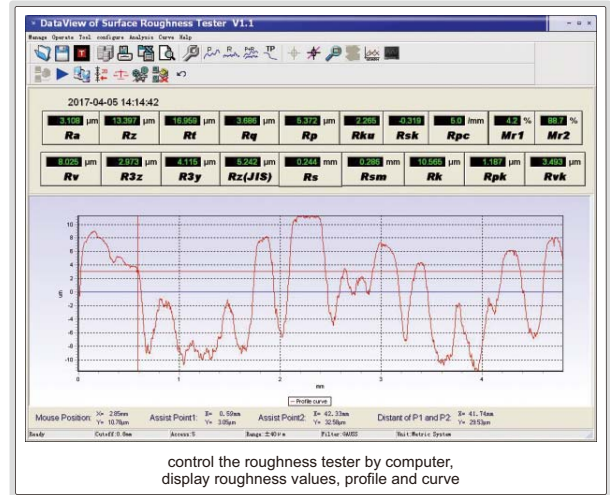
CAN BE CONTROLLED  
BY COMPUTER

DATA  
OUTPUT



- 21 roughness parameters
- Connected with printer via bluetooth
- Display roughness values, profile and curve
- Memory of maximum 100 results
- Automatic power off

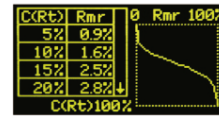
measuring software for PC (included)



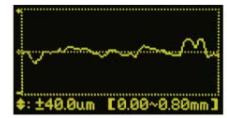
screen display



measurement result



Rmr analysis



roughness profile

## SPECIFICATION

<b>Parameters</b>	Ra, Rz, Rq, Rv, Rp, RS, R3z, R3y, Rt, Rz (JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry (JIS), Rmax	
<b>Range</b>	160µm	
<b>Accuracy</b>	±10%	
<b>Resolution (Ra)</b>	0.001µm	
<b>Probe</b>	type	inductive
	stylus radius/angle	5µm/90°
	stylus material	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 to 5	
<b>Traverse speed</b>	0.5mm/s, 1mm/s	
<b>Memory</b>	100 measurement results	
<b>Output</b>	USB and bluetooth	
<b>Power</b>	built-in rechargeable battery	
<b>Dimension (L×W×H)</b>	141×55×40mm	
<b>Weight</b>	400g	

## STANDARD DELIVERY

Main unit	1pc
Standard probe	1pc
Calibration block and support	1pc of each
Adjustable stand	1pc
Probe cover	1pc
USB cable and software for PC	1pc
AC/DC adapter	1pc

## OPTIONAL ACCESSORY

Extension rod	ISR-C002-ER
Transverse rod	ISR-C002-TR
Deep groove probe	ISR-C002-DGP
Small hole probe	ISR-C002-SBP
Light duty test stand	ISR-C002-STAND1
Heavy duty test stand	ISR-C002-STAND
Wireless printer	ISR-C002-PRINTER