

# ROUGHNESS TESTER CODE ISR-C003

fixture for small shafts  
(optional)



application

- Unit:  $\mu\text{m}$ ,  $\mu\text{in}$
- Automatic power off



calibration block (included)

## STANDARD DELIVERY

Main unit	1 pc
Calibration block	1 pc
AC/DC adapter	1 pc

ATTENTION: THIS ROUGHNESS TESTER IS NOT SUITABLE  
FOR ROUGH TURNING, MILLING AND PLANING WORKPIECES

## SPECIFICATION

Parameters	Ra, Rz, Rq, Rt	
Range	Ra, Rq: 0.05~15 $\mu\text{m}$ Rz, Rt: 0.1~50 $\mu\text{m}$	
Accuracy	$\pm 10\%$	
Resolution (Ra)	0.01 $\mu\text{m}$	
Probe	type	piezoelectric
	stylus radius/angle	10 $\mu\text{m}/90^\circ$
	stylus material	diamond
Measuring force	5mN	
Measuring unit	$\mu\text{m}/\mu\text{in}$	
Cut off	0.25/0.8/2.5mm	
Evaluation length	1.25mm for cut off 0.25mm 4mm for cut off 0.8mm 5mm for cut off 2.5mm	
Moving speed	0.75mm/s	
Power	built-in rechargeable battery	
Dimension (L×W×H)	106×70×24mm	
Weight	200g	

## OPTIONAL ACCESSORY

Fixture for small shafts	ISR-C003-FIXTURE
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