

RAIL STRAIGHTNESS MEASURING INSTRUMENT

CODE 4971-S1000

APPLICABLE TO 43, 50, 60 AND 60N RAIL
PROFILES SPECIFIED IN TB/T 2344.1

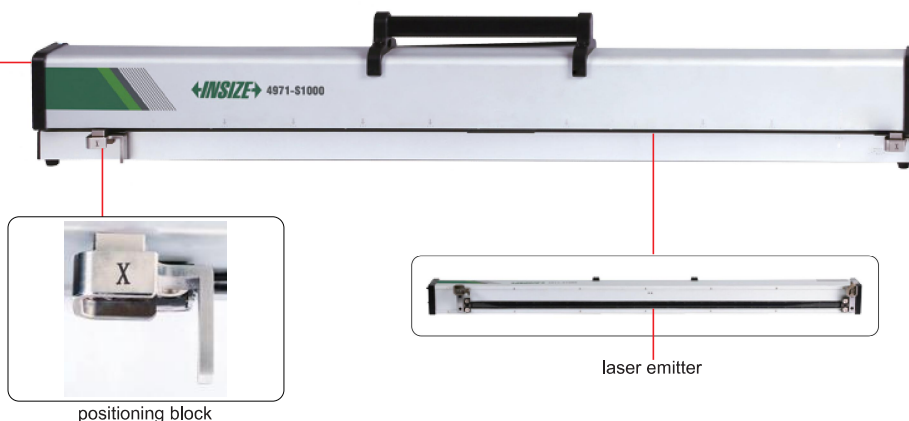
BUILT-IN BLUETOOTH



power

bluetooth indicator

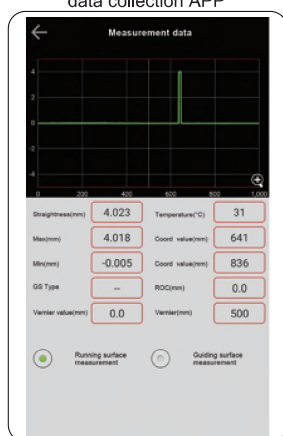
charging port



positioning block

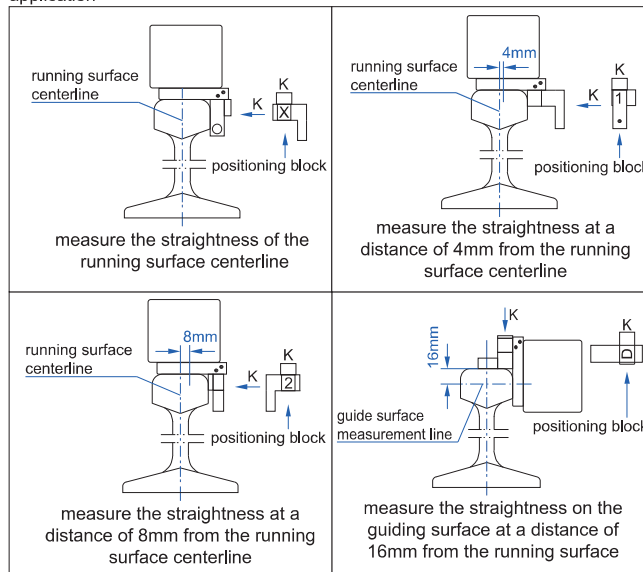
laser emitter

data collection APP



- Non-contact non-destructive measurement technology based on photoelectric principles
- Suitable for metal alloys, non-metallic alloy rails and various welded joints
- The straightness of the rail running surface and guide surface can be measured
- One-click self-test of measurement performance
- Standard configuration includes mobile phone and data collection APP
- Bluetooth real-time transmission of measurement data
- Data query, data analysis, data comparison, data export

application



inspection gauge
(included)



android mobile phone
(included)

SPECIFICATION

Evaluation length		1m	1.5m	2m	3m
Accuracy	vertical direction	≤0.05mm	≤0.05mm	≤0.08mm	≤0.08mm
	horizontal direction	≤0.08mm	≤0.12mm	—	—
Repeatability	vertical direction	≤0.02mm	≤0.02mm	≤0.04mm	≤0.04mm
	horizontal direction	≤0.04mm	≤0.06mm	—	—
Effective stroke		1000mm			
Range		±4mm			
Resolution		0.001mm			
Measurement time		<10s (ambient temperature)			
Operating temperature		-10~60°C			
Dimension (L×W×H)		1280×100×106mm			
Weight		5.8kg			

STANDARD DELIVERY

Main unit	1 pc
Inspection gauge	1 pc
Android mobile phone	1 pc
APP	1 set
Main unit adapter	1 pc
Mobile phone adapter	1 pc
USB cable	1 pc
Packaging box	1 pc