

ULTRASONIC THICKNESS GAGE (FOR THIN WORKPIECES) CODE ISU-700D



DATA
OUTPUT

WITH A AND B SCAN

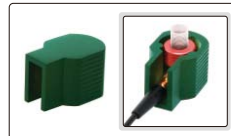
SPECIFICATION (ON STEEL)

Measuring range	Transmit-echo (T-E) mode: 1.5~20mm	
	Echo-echo (E-E) mode: 0.2~10mm	
Measuring unit	mm/inch	
Resolution	0.1/0.01/0.001mm	
Accuracy	±0.04mm (H<9.99mm)	
	±(0.04+0.1%H)mm (H≥10mm) H is the thickness to be measured in mm	
Transducer	Type	Monocrystal probe
	Frequency	15.0MHz
	Diameter (∅d)	7.5mm
Display	320×240, color screen display	
Velocity	1000~9999m/s	
Measuring frequency	2 times/second and 10 times/second	
Applicable temperature	-20~50°C	
Output	USB	
Power supply	2×1.5V AA batteries	
Dimension	133×75×29mm	
Weight	260g (including batteries)	

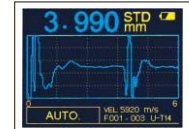
STANDARD DELIVERY

Main unit	1 pc
Transducer	1 pc
Transducer protective sleeve	1 pc
Battery (AA)	2 pcs
Couplant	1 bottle
USB cable	1 pc

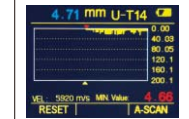
transducer protection
sleeve (included)



couplant (included)



A Scan



B Scan

- For thin workpieces
- A scan, through the waveform, judges whether there are impurities, pores, cracks and so on inside, in order to avoid wrong measurement
- B scan, measures continuously, displays the thickness change on the screen
- Transducers can be automatically identified and zeroed
- Memory 10000 measurement values
- Data can be input to Excel and Word as keyboard signal
- Automatic or manual measurement
- When transducers are removed from workpieces, the measurement data are held on screen for easy viewing
- Set upper and lower limits for alarm when out-of-tolerance
- Automatic power off