

TIME 2130/ 2132/ 2134 HIGH TEMPERATURE ULTRASONIC THICKNESS GAUGE



Product Information

TIME 2130

- ⇒ Equipped with RS232 interface to connect TA230 printer and PC with optional software.
- 5PΦ10/90° transducer for normal purpose and optional TSTU32 transducer for casting iron.

TIME 2132

- ⇒ Anti-high-temperature reaching up to 300°C

TIME 2134

- ⇒ Equipped with TSTU32 transducer for casting iron
- Free conversion between metric and imperial
- Automatic calibration of zero point: automatically correct the system errors
- Gain adjustment, Low voltage indication and Automatic turn-off
- 500 test data and 5 sound velocity can be stored, delete and review
- Big LCD screen with back-light and adjustable contrast ratio
- Equipped with the mode to capture the minimum
- Two display modes: current thickness or minimum thickness
- Two point calibration for high accuracy
- Upper /lower limits pre-setting and sound alarm
- Selectable resolution of 0.001mm and 0.01mm to user's preference



House of Testing & Measuring Instruments

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TIME 2130/ 2132/ 2134 HIGH TEMPERATURE ULTRASONIC THICKNESS GAUGE

Technical specifications

	TIME®2130	TIME®2132	TIME®2134
Measuring range	0.75mm-300.00mm(steel) (depend on probe)	1.2mm-225.0mm (steel) 5.0mm-80.0mm (steel high-temp)	1.2mm-300.00mm 5.0mm-40.0mm (casting iron)
Measuring accuracy	±(1%H+0.1)mm (H means the real thickness)	±(1%H+0.1)mm (H means the thickness of tested piece)	
Lower limits of steel pipes	φ20mm x 3.0mm	φ20mm x 3.0mm	
Display resolution	0. 1mm/0.01mm or 0.01/0.001inch	0. 1mm or 0.01inch	
Data output	RS232 Output for printer or pc		
Sound velocity	1000m/s~9999m/s		
Power supply	AA batteries (2pcs) 1.5V		
Battery life	100 hours without backlight		
Unit scales	mm/inch		
Operating temperature	-10°C~ +60°C	-10°C~ +300°C	-10°C~ +60°C
Dimensions (mm)	152 ×74 ×35		
Weight (g)	370		

Transducer	Feature	Testing range	Contacting diameter	Frequently	Tested surface temperature
5Pφ10	Standard straight	1.2~225.0mm (steel)	10mm	5MHz	-10°C~60°C
5Pφ10/90°	Standard angle	1.2~225.0mm (steel)	10mm	5MHz	-10°C~60°C
7Pφ6	Small diameter	0.75~60mm, 15 x 2.0mm (steel)	6mm	7MHz	-10°C~60°C
ZW5P	High-temperature	4.0 – 80.0mm (steel)	12mm	5MHz	-10°C~300°C
SZ2.5P	High penetration	3.0 – 300.0mm (steel)	12mm	2.5MHz	-10°C~60°C
TSTU32	High penetration	5.0~40.0mm (cast iron)	22mm	2MHz	-10°C~60°C



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