



Hitech (Qingdao) Enterprises Inc.

Series Ultrasonic Thickness Gauges with A-Scan Snapshot

T-6000/6200/6300/6500



Instrument Specifications

Display Type	2.4" color OLED, 320X240 pixels, contrast 10000:1
Operating Principle	Pulse echo with dual element transducers
Measuring Range	0.60mm to 508mm(0.025" to 20.00"), depending on material, probe and surface condition
Measuring Resolution	Selectable 0.01mm, 0.1mm(selectable 0.001", 0.01")
Units	Inch or Millimeter
Gain	Low, Medium or High for varying test conditions
Display Mode	Normal, Minimum/Maximum capture, DIFF/RR%
V-Path Correction	Automatic
Update Rate	Selectable 4Hz, 8Hz, 16Hz
Material Velocity Range	500 to 9999m/s(0.0197 to 0.3937in/us)
Languages	English
Alarm Settings	Minimum and Maximum alarms. Range of 0.25mm to 508mm(0.010" to 20.00"). Dynamic waveform color change on alarm
Power Requirements	2 AA size batteries
Operating Time	Approximately 40 hours
Instrument Shut-off	Selectable ALWAYS ON or AUTO OFF after 5, 10, 20 minutes of inactivity
Operating Temperature	-10°C to +50°C (+10° F to +120° F)
Size	153mmX76mmX37mm (HXWXD)
Weight	280g including batteries

T-6000/6200/6300/6500

Features:

- Colour 320X240 Pixels Display
- A-Scan Snapshot
- Echo-Echo Mode(Thru Paint& Coatings)
- Gain:Low,Medium or High for varying test conditions

T-6000/6200/6300/6500 Series Technical Specifications

Features	T-6000	T-6200	T-6300	T-6500
Colour Display	✓	✓	✓	✓
A-Scan Snapshot	✓	✓	✓	✓
Gain:Low, Medium, High	✓	✓	✓	✓
Min/Max Capture	✓	✓	✓	✓
DIFF/RR%	✓	✓	✓	✓
Thru-paint	×	×	✓	✓
Data Logger 10000 readings, 400 files	×	✓	×	✓
DataView Software	×	✓	×	✓
USB Interface	×	✓	×	✓

Probe/Transducer Specifications

Model	T6000-PT08	T6000-TC510	T6000-PT12	T6000-ZT12
Type	T-6000 Standard	T-6300/6500	Standard	Castiron
Frequency	5MHz	5MHz	5MHz	2MHz
Contact Diameter	11mm	13.5mm	13.5mm	17mm
Measurement Range	0.8 to 100.0mm	1.2 to 200.0mm	1.0 to 200.0mm	4.0 to 508.0mm
Temperature Range	-10 to 70°C	-10 to 70°C	-10 to 70°C	-10 to 70°C

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