TMTeck TM210PLUS Ultrasonic Thickness Gauge

Specifications

Display: 128×64 LCD with LED backlight.
Measuring range: 0.75mm~300.0mm (0.03inch~11.8 inch)
Sound velocity: 1000m/s~9999m/s (0.039~0.394in/μs
Display resolution:0.01mm or 0.1mm (lower than 100.0mm)
0.1mm (more than 99.99mm)
Accuracy: ±(0.5%Thickness +0.02)mm, depends on Materials and conditions
Units: Metric/Imperial unit seletable.
Lower limit for steel pipes:
5MHz probe: F20mm´3.0mm(F0.8´0.12 inch)
10MHz probe: F20mm´3.0mm(F0.6´0.08 inch)
Power Source: 2pcs 1.5V AA size, batteries.100 hours typical operating time(LED backlight off).
Communication: USB serial port
Outline Dimensions: 150mm×74mm×32mm
Weight: 238 g
Four measurements readings per second for single point measurement,
Memory for up to 5 files(up to 100 values for each file) of stored values

Configuration

	No	Item	Quantity	Note
Standard Configuration	1	Main body	1	
	2	Transducer	1	Model: TM-08
	3	Couplant	1	
	4	Instrument Case	1	
	5	Operating Manual	1	
	6	Alkaline battery	2	AA size
	12	DataPro Software	1	
	13	Communication Cable	1	
OptionalConfiguration	7	Transducer: TM-12		Appendix A
	8	Transducer: TM-06		
	9	Transducer: HT5		
	10	Mini thermal printer	1	
	11	Print cable	1	

Probe optional for ultrasonic thickness gauge

Model	Freq. MHz	Diam. Min.	Measuring range	Lower limit	Description
TM-12	2	14	3.0mm-300.0mm (in steel)	20	For thick, highly attenuating, or highly scattering materials
TM-08	5	8	1.2mm-230.0mm (in steel)	¢20mm×3.0mm	Normal measurement
TM-08/90	5	8	1.2mm-230.0mm (in steel)	¢20mm×3.0mm	Normal measurement
TM-06	7	6	0.75mm-80.0mm (in steel)	¢15mm×2.0mm	For thin pipe or small curvature pipe wall thickness measurement
HT-5	5	13	3mm-200mm (in steel)	30	For high temperature measurement (up to 300℃)
HT5-2	5	13	3mm-200mm (in steel)	30	For high temperature measurement (up to 550℃)