

## Ultrasonic Thickness Gauge Model TT100, TT120 & TT130

### Features of TT100, TT120 & TT130

- Time ultrasonic thickness gauges measure the thickness of ultrasonic wave well-conductive materials with parallel top and bottom surfaces. They are also used on measuring wall thickness of pipes and pressure vessels to determine surface erosion.
- Model TT100, TT130 measures metals, aluminum, titanium, plastics, ceramics, glass etc. TT120 measures steel. TT120 can measure materials temperature 0° to 300°C while other models measure materials temperature -10° to 60°C.
- All models have the following functions: Measuring display in mm; automatic calibration; Automatic V-path correction; Coupling condition indication; Low battery indication; Auto shut-off. They all use 2 x 1.5V AA alkaline batteries. All come with a compact carrying case.

Model TT100



Model TT120



Model TT130



### Specifications of ultrasonic thickness gauges TT100, TT120 & TT1300

Model	TT100	TT120	TT130
Tolerance	±(1%H+0.1)mm	±(1%H+0.1)mm	
Display resolution	0.1mm	0.1mm	0.01mm
Material velocity range (meters/second)	1000-9999	5900	1000-9999
preset sound velocities	5 materials	~	5 materials
Onboard memory	10	~	10



Operating temperature	0°-40°C	0°-40°C	0°-40°C
Weight	170g	170g	
Dimensions	(126X68X23mm)	(126X68X23mm)	

**Specifications of TT100, TT120 & TT1300 probes**

Model	Probes	Frequency	Measuring range(steel)	Min area Φ	Min pipe size	Characteristic
TT100TT120/130	5PΦ10	5MHz	1.2-225mm	12mm	Φ20X3mm	Standard
	5PΦ10/90°	5MHz	1.2-225mm	12mm	Φ20X4mm	Optional
	SZ2.5P	2.5MHz	3-300mm	14mm	~	thick material/rough surface
	7PΦ6	7MHz	0.75-60mm	7.5mm	Φ15X2mm	thin material
TT120	ZW5P	5MHz	4-80mm	12mm	~	high temperature