ALAT UJI
Products, Solution, Services

Ultrasonic Thickness Gauge TT300

Specifications:

Tolerance:	Thickness<10mm	±0.05
	10mm<Thickness<99.99mm	±0.5%+0.01
	Thickness>100mm	±1%+0.1
	Pipe	±0.1
Display resolution:		0.1/0.01mm
Material velocity range (meters/second):		1000-9999
preset sound velocities:		5 materials
Onboard memory:		500
Operating temperature:		0º-40ºC
Weight:		370g
Dimensions:		(152x74x35mm)

Features:

Time ultrasonic thickness gauges measure the thickness of ultrasonic wave well-conductive materials with parallel top and bottom surfaces. They are also used to measure wall thickness of pipes and pressure vessels to determine surface erosion.

TT300 measures metals, aluminum, titanium, plastics, ceramics, glass etc.
Functions: Measuring display mm/inch selectable; automatic calibration; Automatic V-path correction; Coupling condition indication; Low battery indication; Auto shut-off. It uses 2x1.5V AA alkaline batteries and comes with a compact carrying case.

TT300 is comfortable to hold and comes with a splash proof cover. Optional micro printer TA220S can be installed.

TT300 has the capability to communicate with computer: Data output RS-232 serial, asynchronous. 8 bits, 1 stop bit, selectable baud rate (1200, 2400, 4800, and 9600).

Model TT300 probe specifications:

Probes	Frequency	Measuring range(steel)	Min area Φ	Min pipe size	Characteristic
5PΦ10	5MHz	1.2-225mm	12mm	Φ20x3mm	Standard
5PΦ10/90°	5MHz	1.2-225mm	12mm	Φ20x4mm	Standard
SZ2.5P	2.5MHz	3-300mm	14mm	~	thick material/rough surface
7PΦ6	7MHz	0.75-60mm	7.5mm	Φ15x2mm	thin material

Standard accessories:

- 1 Calibration Certificate
- 1 Main Unit with Protection Cover
- 1 Probe 5PΦ10
- 2×1.5V Batteries
- 1 Instruction Manual
- 1 Carrying Case
- 1 Screwdriver
- 1 Bottle of Coupling Paste

Optional accessories:

- Probe 5PΦ10
- Probe 5PΦ10/90°
- Probe 7PΦ6
- Coupling paste
- Micro Printer TA220S
- Dataview software & communication cable

Office: Jl. Radin Inten II No. 62 Duren Sawit, Jakarta 13440 - Indonesia
Workshop: Jl. Pahlawan Revolusi No. 22B, Jakarta 13430 - Indonesia
Phone: 021-8690 6777 (Hunting)
Mobile: +62 816 1740 8925
Fax: 021-8690 6771