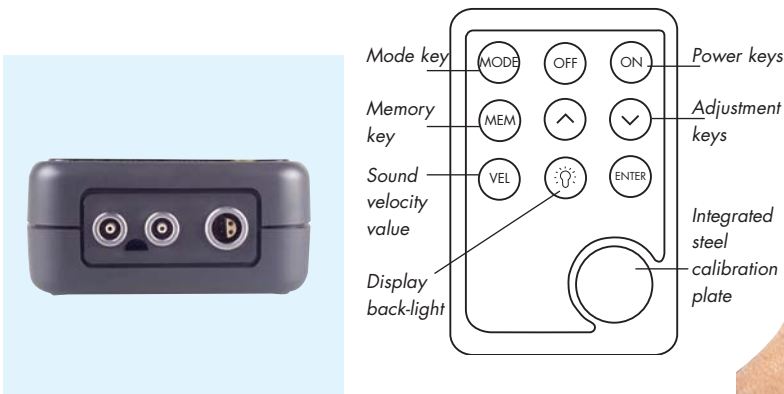# ULTRASONIC THICKNESS GAUGE TT-300™

Handheld gauge with external transducer series for thickness measurement of metals, glass and plastics

- Easy to operate ultrasonic wall thickness gauge for metals, glass, plastics
- Display resolution menu selectable
- Automatic zero setting
- Two-point calibration possible
- LCD display with back-light
- Min. mode for minimum thickness measurement
- Mm/inch selectable
- Data output RS-232
- Large internal memory for 500 readings
- Including protection case, couplant and carrying case

Mode key — MODE   OFF   ON — Power keys

Memory key — MEM   ∧   ∨ — Adjustment keys

Sound velocity value — VEL   ☼   ENTER

Display back-light

Integrated steel calibration plate

Technical specifications

Measuring range (steel)	5.0mm - 300.0mm with 2 MHz transducer
	1.2mm - 225.0mm with 5 MHz transducer
Transducer frequency	Standard 5 MHz, diameter probe 10mm
Display resolution	Menu selectable, low 0.1mm, high 0.01mm
Measurement accuracy	0.75mm - 9.99mm: ±0.05mm
	10.0mm - 99.99mm: (0.5%H+0.01)mm
	100.0mm - 300.0mm: (1%H+0.1)mm
Measuring units	mm/inch selectable
Sound velocity range	1000 - 9999m/s
Display	LCD with back-light
Display Min. mode	Display current thickness or minimum thickness (menu selectable)
Alarm function	Minimum / Maximum limits exceeding alarm
Calibration setting	Automatic zero setting, two-point calibration possible
Data output	RS-232 serial port,
	Baud rate selectable to printer or pc
Memory	Storage of 500 thickness readings
Surface temperature	Standard -10°C to +60°C
	(high temperature see TT-320)
Battery indicator	Low battery indicator
Power supply	2 pcs AA batteries 1.5V
Operation time	With back-light 60 hours continously
	Without back-light 100 hours continously
Dimensions	152mm x 74mm x 35mm
Weight	370gr

Standard delivery
- Main unit
- Integrated steel calibration plate
- Transducer 5 MHz
- Batteries AA 1.5V (2 pcs)
- Ultrasonic couplant
- Manual
- Certificate
- Carrying case

Optional accessories
- Transducers for special applications
- TA-220 printer with cable
- Software Dataview TT-300