

# TT-300

Ultrasonic thickness gauge



**TT-300**

WITH EXTERNAL TRANSDUCER SERIES FOR THICKNESS MEASUREMENT OF METALS, GLASS AND PLASTICS

## FEATURES

- 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 backlight
- 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

## 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: $\pm 0.05$ mm 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 backlight
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 backlight 60 hours continuously Without backlight 100 hours continuously
Dimensions	152mm x 74mm x 35mm
Weight	370gr

## STANDARD DELIVERY

- Instrument
- Integrated steel calibration plate
- Transducer 5 MHz
- Batteries AA 1.5V (2 pcs)
- Ultrasonic couplant
- Manual
- INNOVATEST® certificate
- Carrying case

## OPTIONAL ACCESSORIES

- Transducers for special applications
- TA-230 printer with cable
- Software Dataview TT-300

## ORDER DETAILS

**TT-300** Ultrasonic wall thickness gauge

TA-230 MICRO PRINTER



Represented by:

## **CORPORATE HEAD OFFICE**

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