

**INTRODUCTION**

The Metravi UTG-02 Ultrasonic Thickness Gauge is an intelligent device that adopts the latest high performance and low power consumption microprocessor technology.

Based on the principle of ultrasonic measurement, it can measure the thickness and sound speed of metal and other materials. It can detect the thinning of pipes and pressure vessels after corrosion, and can make accurate measurements of plates and machined parts.

The gauge is widely used in petroleum, chemical, metallurgy, shipbuilding, aviation, aerospace and other fields..

**FEATURES**

- Easy to operate
- Measurement Modes: Single Point, Two Point, Multi-point, Continuous
- Selectable units: mm or in
- Single & Continuous measurements
- User-calibratable
- Rechargeable Battery
- Auto Power-off
- Max, Min, Avg values
- Data Logging

**APPLICATIONS**

**FOR METAL**



**FOR GLASS**



**FOR PLASTIC**



\*Technical Specifications & Appearance are subject to change without prior notice

**SPECIFICATIONS**

Display	: 2.4" Monochrome Dot Matrix Backlit Screen
Measurement Method	: Single / Continuous
Measurement Range	: 1.00~300.00mm
Sound Velocity Range	: (1000~9999) m/s
Probe	: 5MHz <math>\langle \rangle 10</math>
Units	: 0.1 $\mu$ m / 0.01mil
Accuracy	: 0.1mm/0.01mm/0.01in : H<10mm, $\pm 0.1$ mm; H $\geq 10$ mm, $\pm(1\%+0.1)$ mm; H is the actual thickness
Data Logging	: 300 groups, including material, sound, velocity, unit, measured value, MAX, MIN and AVG of each group
Alarms	: Audible Alarm
Auto Calibration	: Yes
Battery	: 3.7V 2000mAh Lithium Battery, Rechargeable
Charging	: Type-C interface
Operating Time	: About 16h with full charge
Dimensions	: 140x66x28.5mm
Accessories	: Probe, Coupling Agent, Carrying Case, Data Cable, User Manual



\*Technical Specifications & Appearance are subject to change without prior notice