

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
- Internal Memory & 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 $\langle \rangle 10$
Units	: 0.1 μ m / 0.01mil
Accuracy	: 0.1mm/0.01mm/0.01in : H<10mm, ± 0.1 mm; H ≥ 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 USB port
Operating Time	: About 16h with full charge
Dimensions	: 140x66x28.5mm
Accessories	: Probe, Coupling Agent, Carrying Case, Data Cable, User Manual



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