

Dragon EYT-500 Ultrasonic Thickness Gauge



The EYT-500 is a pocket-size ultrasonic thickness gauge that measures the thickness of metal and non-metal materials from one side with a standard 5MHz probe. It works on materials such as steel, stainless steel, aluminium, glass, polystyrene and polyethylene. It reads 1.0 to 300mm in steel, identifies the connected probe automatically, and stores nine material velocities, with the option to enter a new velocity.

Features

- Pocket-size design: Handheld gauge for field thickness measurements
- Auto probe identification: Recognises the connected probe automatically
- Menu driven: Simple menu-driven operation
- Wide measuring range: 1.0 to 300mm in steel with the standard 5MHz probe
- Dual resolution: 0.1 or 0.01mm, 0.01 or 0.001 inch
- Multiple material compatibility: Steel, stainless steel, aluminium, glass, polystyrene and polyethylene
- Stored velocities: Nine material velocities stored for selection, or enter a new velocity

Technical Specifications

Parameter	Specification
Velocity range	1000 to 9999 m/s (3280 to 32805 ft/s)
Measuring range	1.0 to 300mm in steel with standard probe
Resolution	0.1/0.01mm, 0.01/0.001 inch
Units	mm / inch
Accuracy	±0.04mm (thickness under 9.99mm); ±(0.1% thickness + 0.04)mm (10 to 99.9mm); ±0.3% thickness (over 100mm)
Working temperature	-15°C to 50°C
Dimensions	113 x 64 x 29mm (W x D x H)
Weight	110g (including batteries)
Power supply	2 x 1.5V AAA alkaline batteries
Standard probe	5MHz (EY08)

Packing List

Main unit
Standard 5MHz probe (EY08)
Built-in 4mm calibration block
Couplant
Carry package