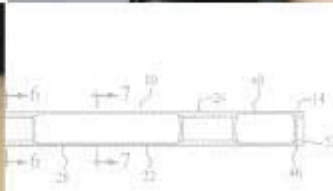




EASZ TG 11

Standard Industrial
Thickness Gauge



Range
1-300
Millimeters

FEATURES

- ✓ High measuring range 1.0mm 300.0mm
- ✓ Built in calibration test block
- ✓ Small and light weight
- ✓ Metric & imperial version available.
- ✓ Easy operation

APPLICATIONS

- Access wall thickness of material due to corrosion.
- Wall thickness measurements of hard materials, piping and hull plates.
- General inspection of metals including steel, cast iron, aluminium, copper, brass, titanium sheet metal, tanks, ships and piping systems
- Inspection of glass, ceramics and hard plastics

OVERVIEW

The EES TG 11 is an easy to use standard industrial type ultrasonic thickness gauge. It uses the transit time ultrasonic wave propagation principle to measure the thickness of materials of several types including metals, plastics or any sonically conductive materials. The probe acts as a sender and receiver of a 5 MHz ultrasonic signal and an internal counter calculates the time taken for the signals sending and receiving through the solid being measured. The EES TG 11 can be set at different acoustic velocities depending on the material being measured. The instruction book includes a table of acoustic velocities for some of the commonly used materials. In the absence of the acoustic velocity of the material being measured, it is still possible to measure materials of this kind if a representative sample is available of a known thickness.

GENERAL SPECIFICATIONS

Range: :1.0mm 300mm
 Resolution: :0.1mm
 Display: :4 digit LCD
 Accuracy: :±0.1mm (up to 60mm)
 :±0.3% (above 60mm)

Battery: :Two AA sized cells. Up to 20hours operation.
 Dimensions: :65 W x 125 H x 30 D mm
 Operating temperature: :0 50 °C
 Calibration block: :±0.2mm Steel
 Auto Power Off: :within 3 minutes.