

EESIFLO EES TG 10

Standard Industrial Thickness Gauge



Description:

The EES TG 10 is a standard industrial type ultrasonic thickness gauge. It uses the transit time ultrasonic wave propagation principle to measure the thickness of a materials of several types including metals and plastics. 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 10 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.

Features

- Built in calibration test block
- Small and light weight
- Alarm for high and low readings
- Easy operation

Typical Applications

- 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

Technical Specifications:

Range: 1.2mm - 250mm
Resolution: 0.1 mm
Display: 4 Digit Liquid Crystal
Velocity: 1000 – 9000 m/s
Battery: Operated 9vdc

Alarm : High & Low Alarm limit setting.
Dimensions: 156mm X 80mm X 32mm
Calibration Block: ± 0.2 mm Steel
Operating Temperature: 0 – 50 °C
Automatic Power Off: within 2 minutes