

General Purpose Ultrasonic Thickness Gauge JE TG 2



JE

Johari Engineering

A Range of High
Performance,
Reliable and
Easy-to-Use
Instruments



Salient Features:

JE TG 2 thickness gauge is a digital ultrasonic thickness gauge. Based on the same operating principles as SONAR it is capable of measuring the thickness of various materials with accuracy as high as 0.01 millimeters, or 0.001 inches. It is suitable for a variety of metallic and non-metallic materials.



User-Friendly Operator Interface

All versions of the JE TG 2 have the same user-friendly operator keypad interface. This has a central Mode key, a calibration/on/off key, two function arrow keys to activate and set functional control and two arrow keys for adjusting parameter values and for navigating through the intuitive single level menu. The keypad allows access to all calibration, set-up and measurement display modes of the instrument. All calibration is menu-driven and the operator is guided through every step.

Instrument Specifications

Operating Principle	Ultrasonic, Pulse Echo Measurement Method
Measuring Range	Depends on Probe and Material, 0.75-300mm(steel)
Measuring Resolution	0.01 mm Default
Material Velocity Range	1000-9999m/s
Material Velocity Resolution	1 m/s (0.0001"/msec)
Units	Inch or Millimeter
Calibration	One-Point Cal, On-Block and Off-Block
Measuring error:	1 mm~ 10 mm :±0.04mm 10mm~200mm : (±0.4%H+0.1)mm
Display	With LED backlight of display, easily used in dark environment
Zero adjustment	auto returning to zero when you press the key after the probe is put on the specimen
Alarm function	setting the measurement limit and alarming for the results beyond the limit
Working voltage	1.5V x3 AAA
Working Time	about 50 hours(with back light off)
Data Memory:	500 readings
Power off:	Auto power off if not working for 2 minutes, and the power key is also available
Display contents	Thickness value, coupling state, power state, CAL calibration state, sound velocity
Display of Last Reading	Solid Filled or Hollow Digits Indicate Coupled or Uncoupled Condition
Shape size:	155mm X 68mmX27mm
Whole weight	230g

Kit Contents:

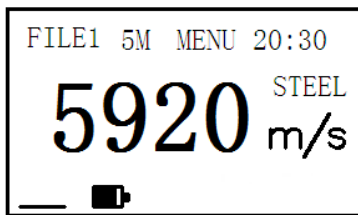
- Main Unit JE TG 2
- Standard 5 MHZ probe JE 5TG
- Couplant 200ml •
- 1.5V AAA Alkaline Batteries (3 Pcs.)
- Operation Manual
- Carrying Case
- Calibration & Warranty Certificate



Specification are subject to change without prior notice

JETG2 Probe/Transducer Specifications

Probe Code	Meas. Range (In Steel)	Contact face dia. in mm	Frequency	Operating Temp in Degree
JE 5TG	1.2mm to 230.0mm	10	5 Mhz	-10 to 60
JE 7TG	0.75 to 80mm	6	7 Mhz	-10 to 60
JE 10TG	0.7 to 12mm	4	10 Mhz	-10 to 60



Manufacture & Marketed By



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