

BAKER*....a passion for precision*

High Precision Ultrasonic Thickness Gauge

Baker Ultrasonic Thickness Gauge facilitates rapid inspection of the thickness of large metallic structures at small measurement intervals, providing a high-detail thickness map of a scanned surface. When access is only available from one side of the substrate, ultrasonic wall thickness measurement is the most efficient way to monitor the effects of erosion or corrosion and is instrumental to both quality assurance and quality control.

Salient Features:

- Capable of performing measurements on a wide range of material, including metals, plastic, ceramics, composites, epoxies, glass and other ultrasonic wave well-conductive materials.
- Can collocate variety different frequencies, wafer sizes of probes
- Sound Velocity Calibration function as a known thickness
- Coupling status indicator showing the coupling status
- EL backlight, and convenience to use under dark environment
- Have the battery indicator function, can real-time display the remaining power
- Auto sleep and auto power off function to conserve battery life
- Smart, portable, high reliability, suitable for bad environment, resist to vibration, shock and electromagnetic interference.

Technical Specification:

- Display: 128*64 LCD with LED backlight;
- Measuring Range: (0.75~600) mm Steel * Disc with UB
- Velocity Range: (1000~9999) m/s
- Resolution: 0.01mm
- Measuring accuracy: $\pm (0.5\%H+0.04\text{mm})$;
H is thickness value
- Measurement cycle: Single point measurement
6 times/per
- Storage: 1000 values of saved data
- Power Source: 4pcs 1.5V AA size
- Working Time: more than 50 hours (LED backlight off).
- Outline Dimensions: 145mm*74mm*32 mm
- Weight: 245g



Standard Configuration

Main Body with Master 4 mm	1 No.
Standard Probe (5MHz, D10mm)	1 No.
Couplant	1 No.
ABS Case	1 No.
Manual	1 No.
Warranty Card and Product Certificate	1 No.



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