



### Product introduction

Ultrasonic Thickness Gauge measuring with ultrasonic wave, is applicable for measuring the thickness of any material in which ultrasonic wave can be transmitted and reflected back from the other face.

The gauge can provide quick and accurate measurement to various work pieces such as sheets of board and processing parts. Another important application of the gauge is to monitor various pipes and pressure vessels in production equipment, and monitor the thinning degree during using. It can be widely used in petroleum, chemical, metallurgy, shipping, aerospace, aviation and other fields.

- 4. Coupling status indicator showing the coupling status;
- 5. EL backlight, and convenience to use under dark environment;
- 6. Have the battery indicator function, can real-time display the remaining power
- 7. Auto sleep and auto power off function to conserve battery life;
- 8. Smart, portable, high reliability, suitable for bad environment, resist to vibration, shock and electromagnetic interference.

### KS-2430 Ultrasonic Thickness Gauges

#### Main Features

- 1. Measurements on a wide range of material, including metals, plastic, ceramics, composites, epoxies, glass and other ultrasonic wave well-conductive materials.
- 2. Collocate variety different frequencies, wafer sizes of probes;
- 3. Sound Velocity Calibration function as a known thickness;

#### Technical Specification

Display	128*64 LCD with LED backlight
Measuring Range	(0.75~700)mm(Steel)/(0.03inch-27.6inch)
Velocity Range	(1000~9999) m/s
Resolution	0.001mm
Measuring accuracy	$\pm(0.5\%H+0.04\text{mm})$ ; H is thickness value
Measurement cycle	Single point measurement 6 times/per
Calibration Function	Zero calibration and two-point calibration
Lower limit for steel pipes	5MHz probe: 20mm*3.0mm (0.8 0.12 inch) 7MHz probe: 15mm*2.0mm (0.6 0.08 inch)
Power Source	2pcs 1.5V AA size

