

## --Ultrasonic Thickness Gauge



### UM6000 Series - Features and Benefits

- Probe automatic zero calibration for system error correction
- Two-Point calibration function. Sound-Velocity-Calibration function
- According to the known thickness measurement Sound-Velocity
- Capture the value of the minimum thickness
- Status indicator of the coupling and low battery
- Auto sleep and auto power off function to conserve battery life
- Humanized shape design, compact and portable, Can be used in harsh environment

### Application

Used for measuring thickness and corrosion of pressure vessels, chemical equipment, boilers, oil storage tanks, etc. in industries of petroleum, shipbuilding, power station, and machine manufacturing. Materials measured: any hard materials, including steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC, gray cast iron, nodular cast iron and other ultrasonic wave well-conductive materials.

### Specifications

Model	UM6700	UM6800
Measuring range (metric/imperial)	1.0-280mm, 0.05-11.8 inch (in Steel)	1.0-280mm, 0.05-11.0 inch (in Steel)
Resolution	0.1mm	0.01mm
Accuracy	$\pm(0.5\%H+0.1)$ mm	$\pm(0.05\%H+0.1)$ mm
Sound Velocity Range	(500~9000) m/s	(500~9000) m/s
Display	4.5 digits LCD with EL backlight.	
Operating principle	Ultrasonic	
Units	Metric/Imperial unit selectable.	
Power Supply	4x1.5 AAA size (UM-4) battery 1	
Battery Indicator	low battery indicator	
Operating Conditions	0~45°C(32°F~104°F), ≤90%RH	
Dimensions	Main Unit 140mm×60mm×22mm	
Gross Weight	1KG	
Standard Delivery	Main Unit, 8mm Probe, Coupling Oil, User Manual, Carrying Case	

### Details

