

# MEXTECH™

INSTRUMENTS OF TOMORROW

## THICKNESS METER Model: TM8811



**Application:-** Used for measuring thickness and corrosion of pressure vessels, chemical equipment, boilers, oil storage tanks, etc. in industries of petroleum, ship building, power station, and machine manufacturing.

<b>Measuring range (metric/imperial):</b>	1.2-200mm, 0.06-8inch
<b>Operating principle :</b>	ULTROSONIC
<b>Materials measured :</b>	any hard materials, including steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC, gray cast iron, nodular cast iron and other materials
<b>Sound velocity :</b>	500-9000m/s
<b>Lower limit steel pipes :</b>	φ15x2.0mm, φ20x3.0mm determined by the transducer
<b>Calibration block :</b>	included
<b>Resolution :</b>	0.1mm
<b>Accuracy :</b>	± (0.5% n+0.1)
<b>Power supply :</b>	4x1.5vaaa (UM-3) battery
<b>Battery indicator :</b>	low battery indicator
<b>Operating conditions :</b>	0~+45°C (32°F-104°F), ≤90%RH
<b>Optional Accessories :</b>	6M Φ6mm thin Material probe: Measuring range (steel): 1.0 50.0mm Operating temperature: - 10~+60 °C 5M Φ12high temperature probe: Measuring range(steel): 1.0~225.0mm(normal temperature) Measuring range(steel): 4.0~100.0mm (high temperature) Operating temperature: - 10~+300°C

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