

# Ultrasonic Thickness Gauge

An ultrasonic thickness gauge is used for non-destructive investigation of a material's thickness using ultrasonic waves. This equipment is now regularly used across all areas of industrial measurements. Ultrasonic thickness gauges can measure a wide range of materials such as plastics, metals, metal composites, rubber, and internally corroded materials.



Model No.	HTG-8812
Measuring range	1.2-225mm/ 0.05.9inch
Operating Principle	Ultrasonic
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 materials.
Sound Velocity	500-9000m/s
Lower limit steel pipes	∅ $\varnothing$ 15x 2.0mm, ∅ $\varnothing$ 20x3.0mm determined by the transducer
Calibration block	Included
Resolution	0.1mm
Accuracy	$\pm(0.5\%n+0.1)$
Interface port	With RS232C
Power supply	4x 1.5V AAA (UM-4)Battery
Operating Conditions	0 $\dot{I}$ ' +40 $\dot{I}$ Š/0-90% RH
Dimensions/ weight	120x62x30mm/ 164g

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