

# Thickness gauge



The ultrasonic thickness gauge is used to measure wall thickness, which is key information to calculate the exact inner pipe diameter.

It is important to know the exact wall thickness, especially in smaller pipes. In the table below, we show the influence of 1 mm | 0.04 inch error on your flow meter reading, for various pipe diameters.

### Features:

- > Capable of performing measurements on a wide range of materials, including metals, plastic, ceramics, and glass
- > High accuracy
- > Integrated data logger
- > One universal probe for a wide measuring range
- > Includes transport case

Disclaimer: The VP Thickness Gauge is only to be used to measure wall thickness, not integrity or composition of the material.

DIAMETER (MM)	~INCH	ERROR (%)
50	2	4
100	4	2
150	6	1.30
200	8	1
250	10	0.80
300	12	0.70

## Specifications

### VPA.8001.1001

Measuring range (steel)	0.6 ... 400 mm   0.02 ... 16 inch (depending on probe type)
Accuracy	0.1 mm   4/1000"
Working temperature	-10 ... 50°C   14 ... 122 °F
Display	Back-lit display (128 x 64 pixel)
Connections	USB, probe
Power supply	2 x LR6 / AA - primary cell
Operating time	40 hours (backlight off)
Data logger	Max. 10,000 readings
Protection class Device	IP65   NEMA 4
Probe	IP67   NEMA 6P
Software	Software included, Windows