

Technical specifications

Model	Portagauge® 5
Dimensions	Height: 168mm
	Width: 82mm
	Depth: 31mm
	Weight: 300g
Measuring Range in Steel	1.50mm – 100.00mm
Material Types	Most metals and plastics, built-in database contains the following: Carbon Steel, Stainless Steel 304, Stainless Steel 316, Cast Iron, Ductile Iron, Copper, PVC, Lead, Nylon, Polyethylene (PE), Aluminium, Asbestos, Fibre Glass, Glass
Accuracy	+/- 0.1 mm
Resolution	+/- 0.01mm
Measurement Units	Metric (mm) and Imperial (inches)
Measurement Mode	Multiple Echo (ignores paint coating up to 20mm thick)
Frequency	2.25 MHz, 2.5 MHz, 5.0 MHz
Display	Full 128 x 68 pixel graphics with backlight for working in poor visibility conditions
Additional Features	Custom material sound velocity input enables users to test custom materials
	A-scan functionality to observe material condition and verify correct return backwall echo
	Oscilloscope trace to assist in performing a good measurement
Power Supply	9V PP3 battery, up to 12 hours continuous use
Operating Temperature	Main Unit: -10°C to +65°C
IP Rating	Main Unit: IP 65 enclosure
Sensor Type	Dual element with 0.9m LEMO-00 cable
Sensor Options	2.25 MHz – 12mm diameter sensor, for highly attenuative engineering plastics
	2.5 MHz – 14mm diameter sensor, most robust and reliable for metal thickness measurements
	5.0 MHz – 10mm diameter sensor, for measuring pipes no smaller than 25mm (1”) diameter
	5.0 MHz – 6mm diameter sensor, for measuring pipes no smaller than 15mm (1/2”) diameter