



### FN Pro. The feature rich digital thickness gauge

- Auto power (on/off)
- Auto measure - simply place on the surface to be measured
- Auto detection and display of substrate type (Fe/non-Fe)
- 10 place memory - automatically stores recent measurements
- LCD display flip - to ease reading in various positions
- Metric and Imperial units supported ( $\mu\text{m}/\text{mil}$ )
- Small and lightweight - can be carried in a pocket

#### High specification and highly automated...

The FN Pro gauge is high spec and quick and easy to use - simply hold the sensor against the surface to be measured and the coating thickness is automatically displayed on the large LCD screen. The reading is also automatically stored to the inbuilt memory - from which the last ten readings can be recalled. One touch of a button switches the gauge between reading in  $\mu\text{m}$  or mil and one touch of a button flips the display readout upside down for easy reading at different angles. Measures on steel, aluminium and other metals...

Unlike lower specification gauges, this top specification gauge can measure coating thicknesses on ferromagnetic (e.g. steel) and non-ferromagnetic (e.g. aluminium) substrates via its integrated dual sensors. It automatically detects the substrate metal type (ferromagnetic or non-ferromagnetic) and uses the appropriate measuring technology (magnetic induction or eddy current) to calculate the coating thickness. Inferior gauges are limited to measuring on either ferromagnetic or non-ferromagnetic substrates, or require manual removal and switching of sensor type and selection by the user.

#### The FN Pro is supplied factory calibrated with all required accessories:

Hard-shell carrying/storage case, 4 calibration shims, 2 metal substrate test pieces, user manual and battery.



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Units:	$\mu\text{m}$ (aka micrometer or micron = 1/1000mm) and mil (aka Thou = 1/1000 inch)
Range:	0-1,250 $\mu\text{m}$ , 0-50mil
Resolution:	1 $\mu\text{m}$ , 0.1mil
Accuracy:	+/- (2 $\mu\text{m}$ +3%), +/- (0.1mil+3%)
Sensor type:	Combined Ferrous and Non-Ferrous
Measuring technology:	Magnetic induction and eddy current
Dimensions:	110 x 45 x 30 mm
Weight:	68g (excluding battery)
Standards:	CE approved

### Dual technology:

**Magnetic Induction:** Measures thickness of non-magnetic coatings (e.g. paint, plastic, enamel, rubber, powder coating, zinc chromium, copper, tin) on ferromagnetic metal base (e.g. iron, steel). Examples: Paint on a steel car body (most cars today). Powder coating on steel railings. Vinyl wrap and paint thickness on a car body.

**Eddy Current:** Measures thickness of electrically non-conductive coatings (e.g. paint, plastic, enamel, rubber, powder coating, anodising) on non-ferrous metals (e.g. aluminium, brass, zinc). Examples: Paint on an aluminium car body (e.g. Ferrari 360, Jaguar XK8, Audi A8). Powder coating on alloy wheels. Vinyl wrap and paint thickness on a car body.

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