



High specification with PC connectivity

- Auto power (on/off)
- Auto measure - simply place on the surface to be measured
- Auto detection and display of substrate type (Fe/non-Fe)
- 400 place memory - automatically stores recent measurements
- Bundled software to download and store readings on PC
- Metric and Imperial units supported ($\mu\text{m}/\text{mil}$)
- Small and lightweight - can be carried in a pocket

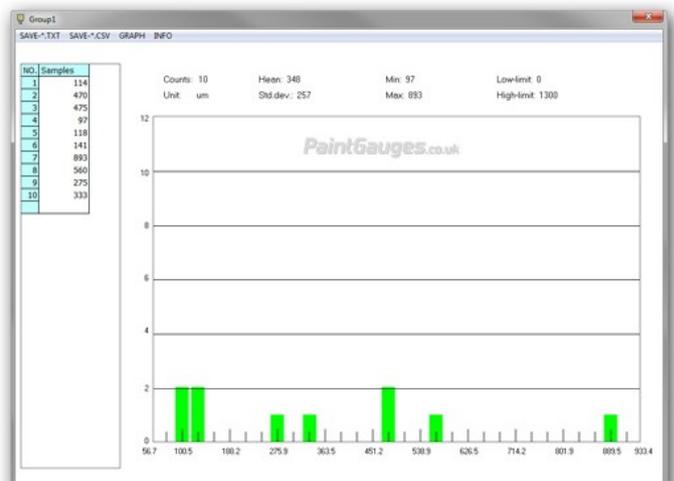
High specification and highly automated...

The 156 USB is a high specification gauge that includes a USB port that allows interface to a PC and data download via the included software. The ability to download readings to computer is ideal for professional detailers, laboratories and industrial users who wish to maintain and analyse records of readings taken. Other features of the 156 USB not found on our FN Pro model include its: Electronic menu system, continuous reading mode (read along a surface without lifting gauge from surface) as well as spot reading mode, selectable on screen statistics display: average, minimum, maximum, number of readings, standard deviation, and High and Low reading alarms.

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 156 USB is supplied factory calibrated with all required accessories:

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



Buy online from our website
Worldwide shipping

Phone: +44 (0) 843 289 7287
Fax: +44 (0) 843 005 9387

Website: www.paintgauges.co.uk
E-Mail: sales@paintgauges.co.uk

USB port
for data transfer to PC

Only requires 2x AAA batteries

Digital LCD display
for clear, error
free readings

Highly automated
with advanced
functions
controlled through
an on screen menu

Rubber sidegrips
enable slip resistant
one hand operation



Slim and light weight
design fits in
a pocket. Easy to
carry and discreet
for use when
inspecting vehicles

V-notched probe
to assist stable
measurement on
curved surfaces



Integrated dual sensors - Magnetic
induction and eddy current enable
measurement on ferrous and non-ferrous
metals with automatic detection, no user
intervention and no probe switching

Units:	μm (aka micrometer or micron = 1/1000mm) and mil (aka Thou = 1/1000 inch)
Range:	0-1,250μm, 0-50mil
Resolution:	0.1μm (<50μm), 1μm (>50μm), 0.1mil
Accuracy:	Up to 850μm: +/- (1μm+3%) Fe, +/- (1.5μm+3%) NFe. Over 850μm: +/-5% Fe and NFe
Sensor type:	Combined Ferrous and Non-Ferrous
Measuring technology:	Magnetic induction and eddy current
Dimensions:	114 x 54 x 27 mm
Weight:	110g (excluding batteries)
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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