

Gauge Specification

Model

MK04



What's in the Box?

MK04 Gauge (Ready to Use), 2 x Calibration Checkpieces (Aluminium and Steel) & 5 x Thickness Check Foils

Typical Users include

Vehicle Appraisers & Buyers, Panel Beaters / Motor Body Repairers, Painting Contractors, Galvanizers, Anodisers, Powder Coaters, Metal Fabricators, Chromers, Motor Vehicle Manufacturers, Vehicle Detailers, Zinc Platers etc

Ferrous Metal Mode (Fe)
(Typical Applications)

Technology - Magnetic Induction - (enables measurement of non magnetic coatings on magnetic substrates such as Steel, Mild Steel, Cast Iron & Magnetic Stainless Steel). Example coatings:- Paint, Zinc / Galvanising, Chrome, Copper, Enamel, Rubber, Paint, Varnish, Powder Coating, Plastic etc.

Non Ferrous Metal Mode (NFe)
(Typical Applications)

Technology - Eddy Current - (enables measurement of non-conductive coatings on non-ferrous substrates such as Aluminium, Copper, Brass, Zinc, Tin, and Non-Magnetic Stainless Steel). Example coatings:- Paint, Enamel, Rubber, Paint, Varnish, Powder Coating, Anodizing, Plastic etc.

Measuring Range

0-1500µm (0-1.5mm) or 0-60mil

Resolution

0.1µm (0-99.9 µm) and 1µm (over 100 µm)

Accuracy

±1-3% (±2.5µm or 0.1mil - whichever the greater)

Power Supply

2 x 1.5V AAA Batteries

Minimum Measurement Area

5mm

Minimum Sample Thickness

0.4mm

Operating Conditions

Temp: 0 - 40°C and Humidity: 10- 85%

Weight

90.9g (including batteries)

Dimensions

118 x 56 x 30mm

Meets Standards Including

ISO-2178, ISO-2360, DIN, ASTM & BS
(suitable for laboratory and harsh field conditions)

Units of Measurement
(Microns & Mils)

Metric Measurement:-

Micrometre (µm) – also known as Micron 1 µm = 1/1000mm

Imperial Measurement:-

Mil – also known as Thou 1 Mil = 1/1000 Inch

Conversion:-

1 Mil / Thou = 25.4 Microns / Micrometre (µm)

Additional Functionality

Gauge auto adjusts between Ferrous (Steel) and Non-Ferrous (Aluminium etc) Modes, Low Battery Indicator, Metric (Microns µm) or Imperial (Mils), LCD Backlight, Data Group measurement settings, Auto Power Off, Easy Reset to Factory Settings.