

PaintCheck

**Cost-effective Paint Thickness Gauge:
Ideal for
car dealers, paint shops and inspectors.**

PaintCheck provides fast, non-destructive, accurate coating measurements on steel and non-ferrous metals.

It is not only paintwork thickness you can measure. You also obtain valuable information concerning the coating structure, such as paint top coats or body fillers.

When measured thickness value clearly exceeds the standard paintwork thickness, this would indicate the use of filler material for repair work or repainting.



For this means, no damage or destruction on the surface – no scratches, no grinding needed.

This is possible by using two field-proven inspection methods for coating thickness measurement: the magnetic method and the eddy current method (DIN EN ISO 2178 and 2360). Both offer the same degree of high precision, even with the thinnest paintworks, on steel as well as on non-ferrous metals e.g. aluminium.

PaintCheck uses both these methods, just position the probe and selection is automatically made.

You can't get faster, more simply and more universally.



PaintCheck:
In no time at all you know more
about the car and the bodywork.
Find out more!

Features

Large measuring range 0 – 2000 μm
(0 – 80 mils)

Measurements on steel and aluminium

One-key operation

Calibration free measurements

Selectable between $\mu\text{m}/\text{mm}$ and mils

PHYNIX

Physikalische Oberflächen-Messtechnik
Physical Surface Testing Technology

Specifications

PaintCheck

Range:

Steel/Iron (F): 0 – 2000 μm (0 – 80 mils)

Aluminium (N): 0 – 2000 μm (0 – 80 mils)

Accuracy:

\pm (5 μm + 5% of reading)

\pm (0.5 mils + 5% of reading)

Resolution:

0 – 500 μm : 5 μm

500 – 1000 μm : 10 μm

1000 – 2000 μm : 25 μm

0 – 50 mils: 0.5 mils

50 – 80 mils: 1 mils

Display:

4-digit alphanumeric, height 10 mm (0.4")

Calibration:

Not needed; factory calibrated

Operating Temperature:

0 °C to + 50 °C (32 °F to 122 °F)

Surface Temperature:

- 15 °C to + 60 °C (5 °F to 140 °F)

Power:

2 AAA, 1.5 V

Dimensions:

107 mm x 50 mm x 25 mm (4.3" x 2" x 1")

Weight:

90 g (3.2 oz) incl. batteries

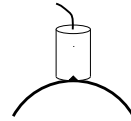
Protection class:

IP 52 (proof against dust and dripping water)

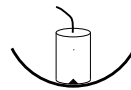
Standards:

DIN, ISO, ASTM, BS

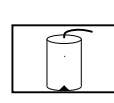
Measuring Limits



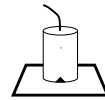
Minimum Radius
for Convex Surfaces 25 mm (1")



Minimum Radius
for Concave Surfaces 50 mm (2")



Minimum Headroom 125 mm (5")



Minimum
Measuring Area 40 mm x 40 mm
(1.6" x 1.6")



Minimum Substrate
Thickness – F 0.75 mm (30 mils)

Minimum Substrate
Thickness – N 0.25 mm (10 mils)

Delivery Schedule

Gauge incl. probe, plastic shim 200 μm (8 mils), steel zero plate, aluminium zero plate, 2 x AAA batteries, soft carrying pouch and manual.



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