

# 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 µm/mm and mils



**PHYNIX**   
Physikalische Oberflächen-Messtechnik  
Physical Surface Testing Technology

# Specifications

## PaintCheck

### Range:

Steel/Iron (F): 0 – 2000  $\mu\text{m}$  (0 – 80 mils)

Aluminium (N): 0 – 2000  $\mu\text{m}$  (0 – 80 mils)

### Accuracy:

$\pm$  (5  $\mu\text{m}$  + 5% of reading)

$\pm$  (0.5 mils + 5% of reading)

### Resolution:

0 – 500  $\mu\text{m}$ : 5  $\mu\text{m}$

500 – 1000  $\mu\text{m}$ : 10  $\mu\text{m}$

1000 – 2000  $\mu\text{m}$ : 25  $\mu\text{m}$

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, 1.5V

### Dimensions:

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

### Weight:

90 g (3.2 oz) incl. batteries

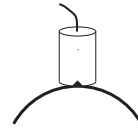
### Protection class:

IP 52 (proof against dust and dripping water)

### Standards:

DIN, ISO, ASTM, BS

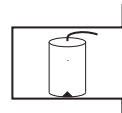
### Measuring Limits



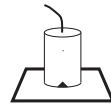
Minimum Radius  
for Convex Surfaces 25 mm (1")



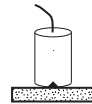
Minimum Radius  
for Concave Surfaces 50 mm (2")



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  $\mu\text{m}$  (8 mils), steel zero plate, aluminium zero plate, 2 x AAA batteries, soft carrying pouch and manual.



# PHYNIX



Physikalische Oberflächen-Messtechnik  
Physical Surface Testing Technology

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