

Coating Thickness Measurement

**PenTest**



**Dry Film Thickness Gauge**

- Quick thickness tester
- Budget-priced and accurate
- Measures paint on steel
- Magnetic attraction principle
- Permanent magnet never losing its power
- Coloured zones for quick go/no-go quality assessment

**Quality made in Germany!**

## PenTest

### Dry Film Pull-off Gauge

Especially designed for quick-check measurements, PenTest is mainly used by car dealers to measure the paint thickness on car bodies. Thanks to the green-yellow-red coloured scale, automotive over-paintings can be quickly identified and distinguished from original finishes. Featuring a patented HOLD mechanism, this dry film gauge keeps the thickness indicator in place for easy reading of values.

The HOLD mechanism can be used as a “memory“ for the last reading. Other major applications of PenTest are measurements on painted steel constructions, zinc or hard chrome on steel, etc. Measuring principle according to DIN EN ISO 2178. No batteries or other power supply required.

Read the coating thickness in microns from the 50 mm-long scale.



### Technical Specifications

Measuring range	25...700 $\mu\text{m}$ / 1...30 mils
Minimum measuring area:	$\varnothing$ 25 mm
Measuring uncertainty:	$\pm$ 10% of reading
Ambient temperature:	-10°C...+80°C
Dimensions:	151 mm length; $\varnothing$ 10 mm

## SurfaTest

### Wet Film Gauge

For quick and easy thickness measurement of freshly applied wet coatings. Just press the gauge into the wet coating down to the base material and read the thickness at 16 different measuring points. The wet film thickness is located between the last wet tooth and the first dry tooth. SurfaTest is made of stainless steel and has an embossed scale. The measuring range is from 25...800 $\mu\text{m}$  / 1...32 mils.

### Scale Marking

$\mu\text{m}$				mils			
25	50	75	100	1	2	3	4
125	150	175	200	5	6	7	8
250	300	350	400	10	12	14	16
500	600	700	800	20	24	28	32



### Further Gauges from the ElektroPhysik Range of Products

- MikroTest thickness gauges
- MiniTest digital thickness gauges
- QuintSonic 7 ultrasonic coating thickness gauges
- MiniTest 7200/7400 FH digital wall thickness gauges
- MiniTest 420, 430, 440 ultrasonic thickness gauges
- PoroTest 7 holiday detectors

## ElektroPhysik

Pasteurstr. 15 · D-50735 Cologne · Germany  
 Phone: +49 221 75204-0 · Fax +49 221 75204-67  
[www.elektrophysik.com](http://www.elektrophysik.com) · [info@elektrophysik.com](mailto:info@elektrophysik.com)

