NDT Supply.com
P.O. BOX 7350
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Advancing with Technology ElektroPhysik

Coating thickness measurement

PenTest MiniPen

The new Generation of Pull-Off Gauges

- measurement of paint coatings on steel
- low-cost
- accurate
- magnetic attraction principle
- permanent magnet never losing its power
- coloured zones for quick go/no-go quality assessment
- for open and recessed measuring areas

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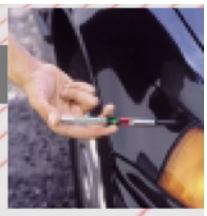
PenTest



Dry film pull-off gauge

Featuring a patented HOLD mechanism, this dry film gauge keeps the thickness indicator in place for easy reading. The HOLD mechanism can be used as a "memory" for the last reading. Major applications are quick-check measurements on steel constructions, painted steel panels and all kinds of steel substrates. Measuring principle according to DIN EN ISO 2178. No batteries or other power supply required.

Easy to use:
Designed as a pen with a pocket clip, the gauge is ready for use at any place or time. Just place the tip of the gauge onto the dry paint coating as shown on the photo.

Use your thumb to give it a firm contact to the surface to be measured. Then pull up carefully the black slide until the magnet lifts off from the coating surface.

Read coating thickness in microns on the 50 mm long scale, longer than the scale of any other pull-off gauge.

Technical data	
Measuring range:	25 ... 700 µm or 1 ... 28 mils
Minimum measuring area:	Ø 25 mm dia.
Accuracy:	± 10 % of reading
Ambient temperature:	–10 ... + 80 °C
Dimensions:	151 mm length, Ø 10 mm dia.

MiniPen

Dry film pull-off gauge

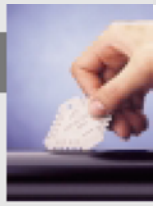
Suitable pull-off gauge (patent) for both industrial and consumer application. Standard industrial applications include spot-check testing on steel constructions of all types. In the used car business the MiniPen serves as a tool to identify damaged cars after an accident. No batteries or other power supply required.

Easy to use:
Set gauge tip on the dry coated surface. Hold the gauge in vertical position and pull carefully until the magnet lifts off the surface. Observe the position of the red marker as it moves along the measuring scale during the measuring process. When the magnet lifts off the surface, the marker indicates the coating thickness for a fraction of a second.

The thickness reading will not remain longer for viewing. The shirt pocket clip makes it a valuable instrument ready for use at any time.

Technical data	
Measuring range:	50 ... 500 µm
Minimum measuring area:	Ø 25 mm dia.
Accuracy:	± 15 % of reading
Ambient temperature:	–10 ... + 80 °C
Dimensions:	148 mm length, Ø 10 mm dia.

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.

Graduations are as follows:							
in µm				in 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

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