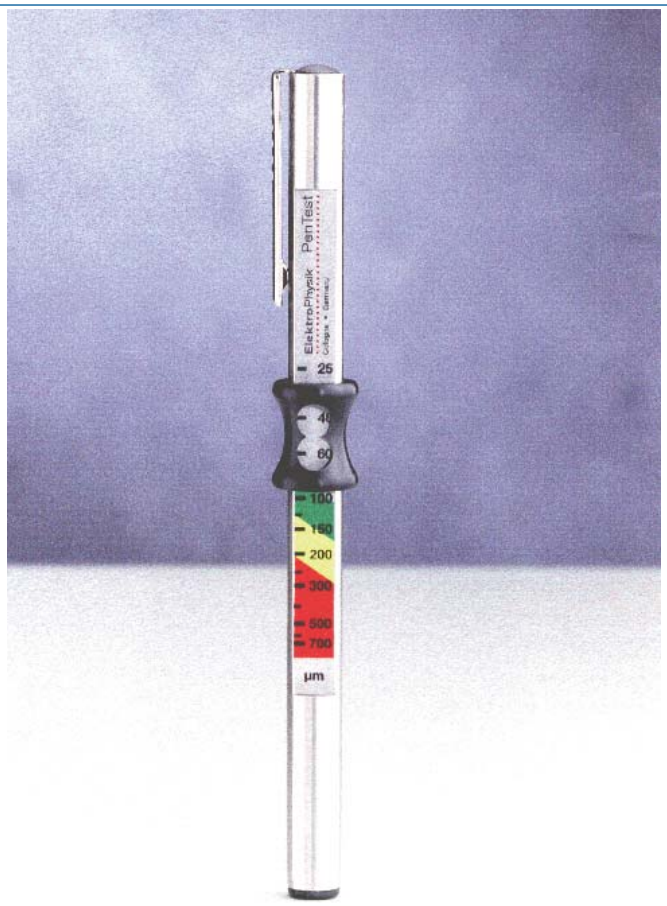
PenTest

Measuring without power supply or battery



testing equipment for quality management

ERICHSEN

Technical Description

For non-magnetic coatings applied on steel and iron

Thickness Gauge

Purpose and application

This world-wide patented instrument is used for measurement of

- paint, plastic, enamel and other non-magnetic coatings applied on steel and iron
- simple one-hand operation
- solid stainless-steel design

The Thickness Gauge **PenTest** can be used erverywhere for simple and quick coating thickness measurement of all non-magnetic coatings on steel up to a maximum of 700 µm. Designed as small as a pen, the gauge enables pinpoint measurement in areas which are difficult to access.

For measurements on refinished car bodies, the coloured zones on the scale give you quick reference readings. "Green" indicates original paint, "yellow" shows a second coat and "red" zones are repaired with fillers.

Measuring principle

PenTest works on the magnetic attraction principle according to DIN EN ISO 2178. This principle uses the attractive force of a special permanent magnet as a measure of the coating thickness.

The gauge is factory pre-set and can be used immediately at any time without power supply or battery.

Technical data

Dimensions:	∅ 12 mm x 140 mm
Measuring range:	25 µm ....700 µm
Minimum area for measurement:	∅ 25 mm
Tolerance:	± 10 % of reading*
Ambient temperature:	-10 °C up to +80 °C

* when measuring in vertical or horizontal position

Order Information	
Ord.-No.	**Product-Description**
0500.01.51	Thickness Gauge **PenTest**

The right of technical modification is reserved.
Group 10 - TBE PenTest - VII/02

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ISO 9001
BUREAU VERITAS
Certification
Nº DE6000348