

POSITEST MAGNETIC PULL-OFF COATING THICKNESS GAUGE

LD5003, LD5004

DATASHEET

PRODUCT DESCRIPTION

PosiTest magnetic pull-off thickness gage for the non-destructive measurement of non-magnetic coatings (paint, enamel, galvanizing, metalizing, plating, etc.) on steel.

**BUSINESS**

Protective Coatings, Corrosion Control, Surface Finishing, Powder Coating, Decorative Coatings, Building Maintenance

FEATURES

- Matching Calibration Standards and Procedures available for every model
- Highly wear resistant Carbide Probe for longest life and continuous accuracy
- Remove center of dial cover for easy calibration adjustment
- Conforms to national and international standards
- Extra rugged housing, not affected by mechanical shock, water, acid or solvents
- Unique overall design, fully supported, positive positioning, no pivoting tendencies during measurement
- Can be used fully supported or with only the front probe area contacting the surface
- Functions on a permanent rare-earth cobalt magnet
- No batteries/electronics
- 2 year warranty
- Easy To Use
- Positive visual and audible indicators to designate when thickness reading is established
- "V" grooves in probe housing and Gage base allow correct positioning on cylindrical objects
- Compact, lightweight, precisely balanced, independent of gravity – can be used in any position
- GO/NO-GO button can be pre-set for rapid measurement
- Probe contact and dial rotation all in a one-finger operation

SCOPE OF SUPPLY

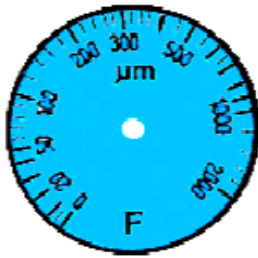
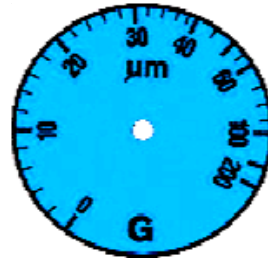
- PosiTest Model F or G
- Wrist strap
- Instruction manual
- Leather case with belt loops

ORDERING INFORMATION

LD5003 – PosiTest G Coating Thickness Gauge 0-200µm

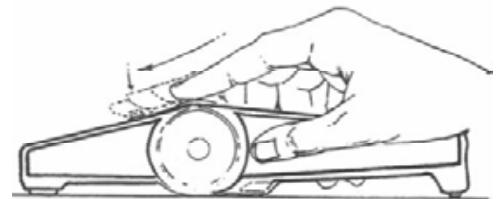
LD5004 – PosiTest F Coating Thickness Gauge 0-2000µm

SPECIFICATIONS

**Scale F:** 0-2000 μm **Tolerance:** $\pm 5 \mu\text{m}$ up to 100 μm
 $\pm 5\%$ of the reading over 100 μm **Scale G:** 0-200 μm **Tolerance:** $\pm 1 \mu\text{m}$ up to 20 μm
 $\pm 5\%$ of the reading over 20 μm **USE**

The PosiTest is designed to give you additional stability during measuring. Not essential, but wherever possible: Place the PosiTest with its front measuring probe, center and tail supports, flat on the surface to be measured.

First: With a sweeping action of your index finger (not thumb), turn the dial wheel forward and depress the visual indicator.



Second: Once the visual indicator remains down: with your index finger, slowly turn the dial wheel in the opposite direction, until you hear a click and see the visual indicator pop up. At this point, read the coating thickness on the scale.



Note: PosiTest is available in two measuring ranges;

If the majority of your coating measurements are below 70 μm :

PosiTest Model G is most suitable.

If the majority of your coating measurements are above 50 μm : PosiTest Model F is most suitable.

SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Always keep the instrument in its case when not in use.
- We recommend annual calibration

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.