

KARL DEUTSCH**Thickness measuring tool Pocket Leptoscope, Type: 2026****Order data**

Order number	496800 2026
GTIN	2050001053602
Item class	49G

Description**Version:**

Robust, handy thickness measuring tool for precision, non-destructive testing of film thicknesses on steel and non-ferrous metals.

- **Probe integral within the device and immediately ready for measuring.**
- **Single-point and two-point calibration with averaging can be performed.**
- **Cordless battery mode, auto-off.**
- **Convenient user guide in plain text, multi-language.**
- **Graphics display with background illumination.**
- **Large characters for ease of legibility.**
- **Data output for thermal printer.**

Fe / non-Fe combination device. The substrate is recognised automatically. Additionally for measuring electrically non-conductive coatings e. g. Eloxal, paints, varnishes, plastics etc. on all non-ferrous metals e. g. aluminium, copper, brass etc.

Supplied with:

Transport case, check bodies (size 2021: one-piece; size 2026: two-piece), calibration foil kit (two-piece), 1 battery No. 081561 size LR3, instruction manual and calibration certificate.

Note:

Version with measured value memory and statistics function on request.

Packaging: sturdy box

Measuring range Fe: 0 - 3000 µm

Measuring range non-Fe: 0 - 1250 µm
 Error limit for coatings < 100 µm: 1 % / ±1.5 µm
 Error limit for coatings 100 to 1200 µm: 1 – 3 % / ±1 µm
 Error limit for coatings > 1200 µm: 3 – 5 % / ±1 µm
 Measuring principle Fe: Magnet inductive

Technical description

Measuring principle non-Fe	Eddy current
Error limit for coatings > 1200 µm	3 – 5 % / ±1 µm
Measuring range Fe	0 - 3000 µm
Error limit for coatings 100 to 1200 µm	1 – 3 % / ±1 µm
Height	17 mm
Measuring range non-Fe	0 - 1250 µm
Measuring principle Fe	Magnet inductive
Length	95 mm
Width	47 mm
Battery life approx.	100 h
Error limit for coatings < 100 µm	1 % / ±1.5 µm
Number of batteries contained	1
Article no of the battery / rechargeable battery fitted	081561 LR3
Power supply	Battery-powered
Measurement technology	digital
Test certificate	Manufacturer's test certificate
Packaging	sturdy box
Type of product	Thickness measuring tool

Services

Labelling laser-etched Type	018940
S	029150 S

Accessories

Alkaline-manganese batteries International size LR3	081556 LR3
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Calibration foil set, 6 pieces Type A	496940 A