

KARL DEUTSCH**Thickness measuring tool Universal Leptoscope, Type: 2042SET****Order data**

Order number	496850 2042SET
GTIN	2050001064028
Item class	49G

Description**Version:**

Universal thickness measuring tool for Fe and / or non-Fe material depending on the probe No. 496900, 496910 or 496912.

- **Interchangeable measuring probes.**
- **Clear display with background illumination.**
- **Ready for measuring immediately without calibration.**
- **Extensive calibration capability, e.g. patented adjustment when measuring a coating of unknown thickness.**
- **Mains and battery mode, auto off.**
- **Data output for thermal printer.**
- **Extensive statistical functions, large data memory.**

Supplied with:

2 batteries No. 081561 size LR6, transport case, user manual, and calibration certificate. Set including standard probe Fe No. 496900 size EP, check sample (two-piece), calibration foil kit (six-piece), PC cable, and iCom software.

Technical description

Battery life approx.	90 h
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Error limit for coatings < 100 µm	1 % / ±1 µm
Data storage	10000 measured values
Measuring principle non-Fe	Eddy current
Measuring principle Fe	Magnet inductive
Measuring range	0 - 20000 µm
Number of batteries contained	2
Article no of the battery / rechargeable battery fitted	081561 LR6
Error limit for coatings 100 to 1000 µm	1 – 3 % / ±1 µm
Power supply	Battery-powered
Interface	USB interface
Measurement technology	digital
Test certificate	Manufacturer's test certificate
Packaging	sturdy box
Type of product	Thickness measuring tool

Accessories

Fe / non-Fe measuring probe for No. 496850 Type KOMBI	496912 KOMBI
Fe measuring probe for No. 496850 Type MIKRO	496900 MIKRO
Non-Fe measuring probe for No. 496850 Type MIKRO	496910 MIKRO
Checking piece Type NFE	496920 NFE
Calibration foil set, 6 pieces Type A	496940 A
Non-Fe measuring probe for No. 496850 Type EP	496910 EP
Fe measuring probe for No. 496850 Type EP	496900 EP
Checking piece Type FE	496920 FE
Fe measuring probe for No. 496850 Type EP90	496900 EP90
Alkaline-manganese batteries International size LR6	081561 LR6