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Prüf- & Messgerätebau GmbH + Co KG Wuppertal seit 1949!

Instruments, Sensors & Systems for Nondestructive Testing since 1949!

Pocket-LEPTOSKOP Neuigkeiten

Schichtdicken-Messung (SDM)

News

Coating Thickness Gauging (CTG)

The Leptoskop Series

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- L2018 for NFe-Applications (<1200µm)
- L2021 for Fe-Applications (< 3000µm)
- L2026 for Fe&NFe-Appl. (auto-detect)

The New Pocket-Leptoskop Series (Introduced in 2005)

The Smallest Coating Thickness Gauge Worldwide !

Pocket-Leptoskop: Menu-Driven Simple Operation

Pocket-Leptoskop: „Quasi-Analogue" Measurement Display

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- **Smallest Coating Thickness Gauge Available (48x94x17mm)**
- **Light-Weight (70 g), ≈ 100 hours battery life (size AAA)**
- **Large Graphical Display (128 x 64 pixel, 26 x 16 mm)**
- **Large Display of Measured Values, Easy to Read**
- **„Quasi-Analogue" Measurement Display**
- **Display Contents Can be Flipped**
- **Grafical Representation of Statistics (Unique in it's class)**
- **Remote Instrument Upgrade (Software Update)**
- **Menu-Driven Language Choice**
- **Menu-Guided Instrument Operation**
- **Simple to Use**
- **Robust and Reliable Instrument & Housing**
- **Fast Service, Knowledgeable Customer Support**
- **Threshold Values, Offset-Value, Alarm**

Pocket-Leptoskop: Unique & New Features

Key ON MENU OK
- turn on instrument
- enter menu
- confirm menu choice
- move cursor to the left during calibration

Key ESC:
- go back in menu
- delete last calibration reading
- move cursor to the right during calibration
- display illumination ON/OFF (press 3 sec)

Arrow Keys:
- choose menu topic
- adjust calibration reading to nominal value
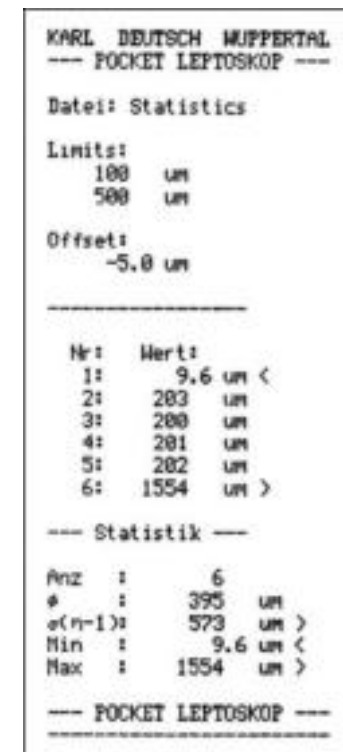
Pocket-Leptoskop: Keypad

- switch on (while probe lifted off)
- to illuminate display: MENU > SETTINGS > BACKLIGHT > ON
  (or press ECS for 3sec)
- to choose language: MENU > OPTIONS > LANGUAGE > ….
- to choose measuring mode:
  MENU > MeasureMode > Single (one reading) or Cont (1 reading/sec)

- two-point calibration is recommended (Zero-Cal and one known thickness)
  using calibration block and block & calibration foil
- zero calibration: MENU > CAL > ZERO, take several readings (mean value is
  used, ESC will delete last reading), confirm with OK
- second point: MENU > CAL > CalOnFoil, take several readings on block with foil,
  use ESC and OK-keys to set cursor position,
  use arrow keys to adjust digits to nominal value, OK to confirm

- flip display contents via MENU or by using arrow keys during measurement
- switch off (hold key for 3 sec), parameters & calibration are stored

Pocket-Leptoskop: Overview of Instrument Operation

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- remote instrument upgrade (Software Update)
- data transfer through serial interface to printer or PC
  (connect to 2.5mm stereo jack on left side of instrument, adapter cable required)
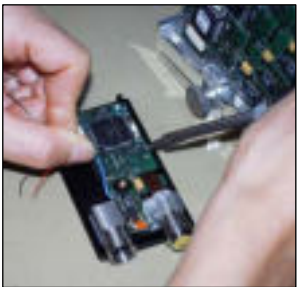- activate by entering software code

Pocket-Leptoskop: New Software & Statistics Module

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Schichtdickenmessung *Coating Thickness Measurement*

www.KarlDeutsch.de — info@KarlDeutsch.de