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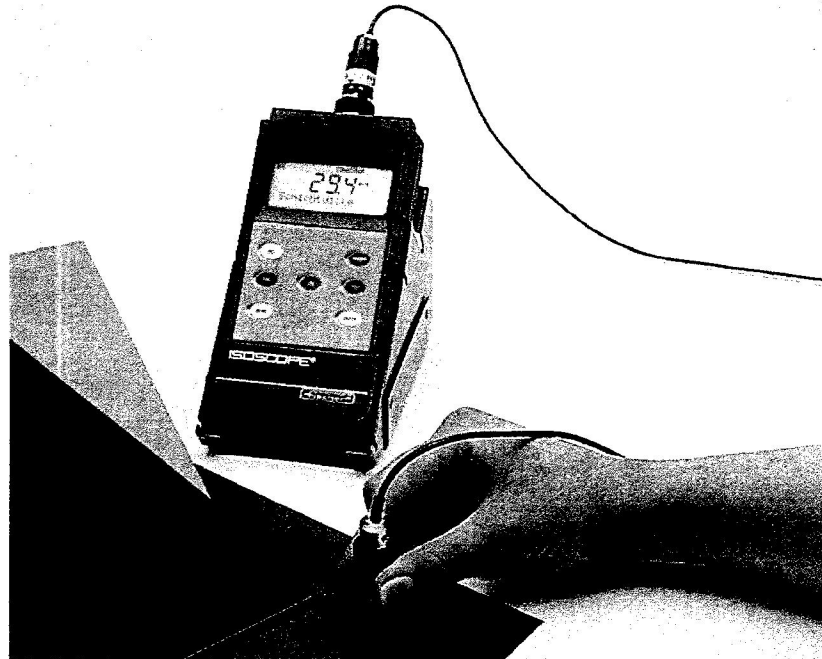
OEM CALIBRATION METHOD FOR

V-Fischer DELASCOPE MP10E ISOSCOPE MP10E DUALSCOPE MP20E-S

Revision 2

DOCUMENT REVISION RECORD

<u>Date</u>	<u>Reason for revision & comments</u>	<u>Reviewed & issued by</u>
10-04-2016	Initial Issue	Andy Bradley



Operator's manual

DELTASCOPE® MP10E
ISOSCOPE® MP10E
DUALSCOPE® MP20E-S
 RS232 interface

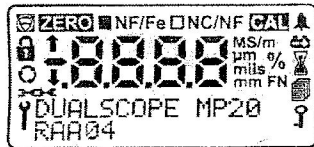


Manual order no. 902-585
 Version 2.0 02/2006

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Short-Form Operator Manual DELTASCOPE® MP10E, ISOSCOPE® MP10E and DUALSCOPE® MP20E

Display



Fischer trademark



ZERO Normalization is performed



NF/Fe Measurement using the magnetic induction test method is performed



DNC/NF Measurement using the eddy current test method is performed



CAL Calibration is performed



Restricted operating mode has been selected



"Continuous" display mode has been enabled



Measurement values, error messages and warnings



Unit of measurement of the displayed value



Internal routine is performed



Battery has to be changed or recharged



Configuration programs have been called up

...SCOPE Instrument type

RAA... Instrument software version

Measurement and Evaluation:

Performing a Measurement:

1. Switch the instrument on: ON/OFF
2. Measuring: Place the probe vertically on the measuring object

Deleting Measurement Values:

DEL (last value) → DEL (all values)

"Continuous" Display Mode:

Move the probe over a surface area to determine the coating thickness distribution.

Enabling: ▼ → ○ appears; Disabling: ▼

Evaluation (only with MP20E):

FINAL-RES → ... → FINAL-RES →
ENTER (exit the evaluation and delete all the measurements) or ▲ (exit the evaluation without deleting the measurements)

Normalization / Corrective Calibration:

Normalization:

ZERO → perform several measurements on the substrate material → ENTER

Corrective Calibration:

1. **CAL** → perform several measurements on the substrate material → ENTER
2. Place standard 1 (foil 1) on the substrate material → perform several measurements on the standard 1 (foil 1)
3. Set the foil thickness with ▲, ▼ → ENTER
4. If a 2 point calibration is desired: Place standard 2 (foil 2) on the substrate material → perform several measurements on foil 2 → set the foil thickness with ▲, ▼; otherwise: after step 3 immediately step 5
5. ENTER

Symbols and Styles Used

- ENTER** Refers to instrument keys, which have to be pressed
- ZERO → perform** Refers to instrument keys or actions, which have to be pressed or performed one after the other
- ON/OFF + ▲** Refers to instrument keys, which have to be pressed immediately one after the other (do not keep both keys pressed!)

For more detailed information please refer to the operator manual MP10E and MP20E

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Configuration

Acoustic Measurement Accept Signal:

Enabling: ON/OFF + ▲

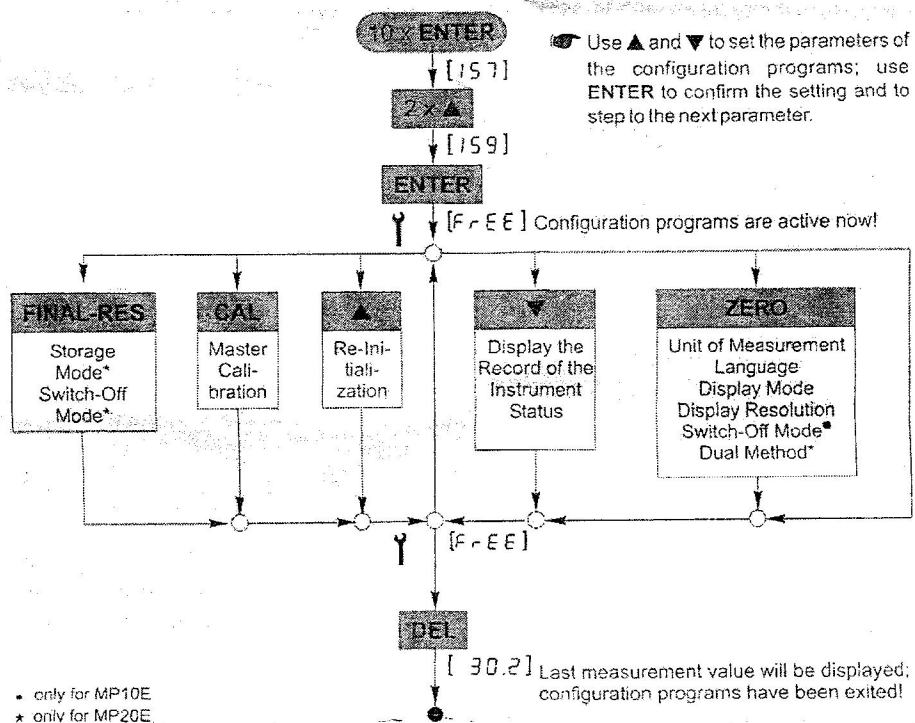
Disabling: ON/OFF + ▼

Restricted Operating Mode:

Enabling: ON/OFF + DEL (Ⓢ appears)

Disabling: ON/OFF + ENTER

Overview of the Configuration Programs:



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