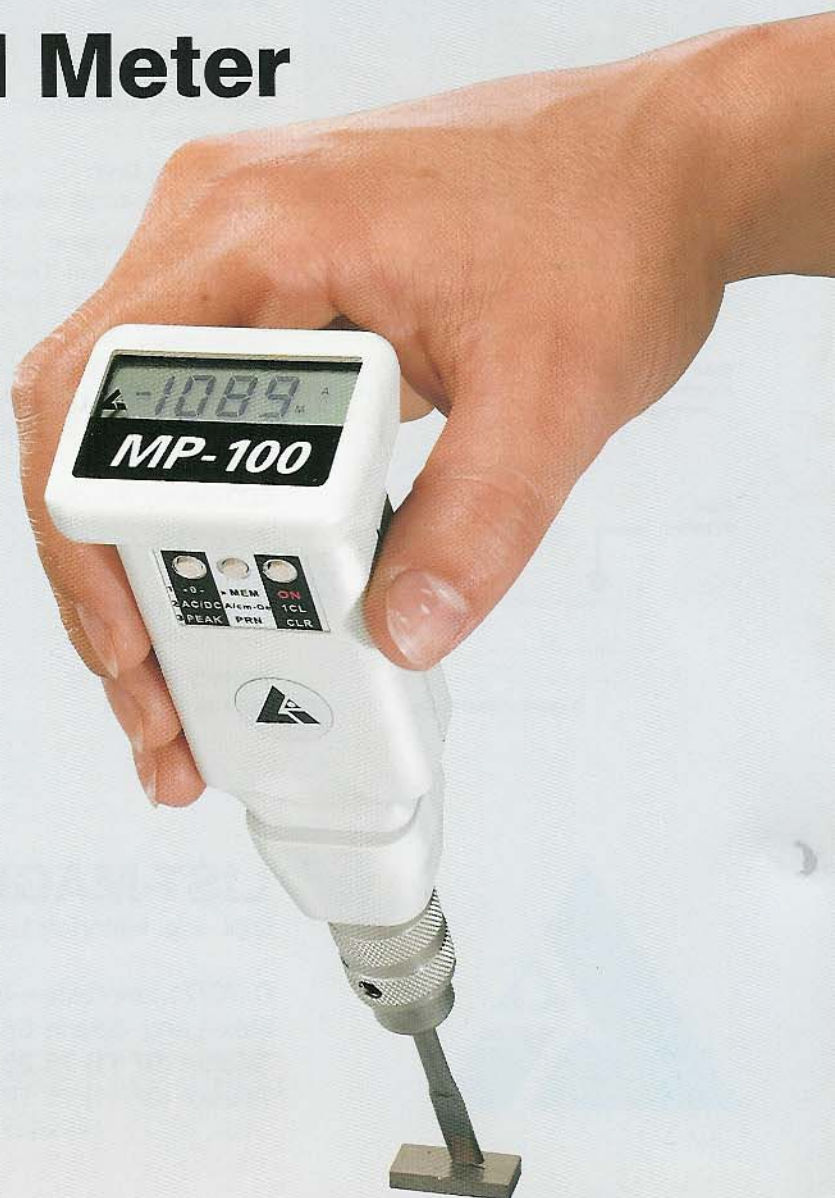


Quality needs Control



Magnetic Field Meter MP-100



MP-100



*The human eye - symbol of our job:
Guaranteeing quality through surveillance. Perfect in
function and technology. Open to everything new,
recognizing changes in due time and responding to
them shrewdly. Success is visible.*

The Magnetic Field Meter **MP-100** measures all existing magnetic fields, both DC and AC, with an accuracy of $\pm 2\%$.

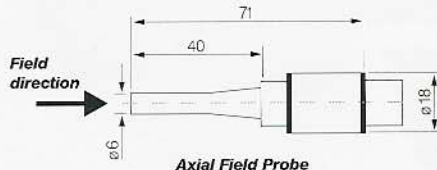
This small and handy device is especially suitable for operation in workshops, production lines etc. Just plug in the measuring probe and the instrument is ready for measurement.

The Field Meter **MP-100** can be supplied either with a tangential or with an axial field probe.

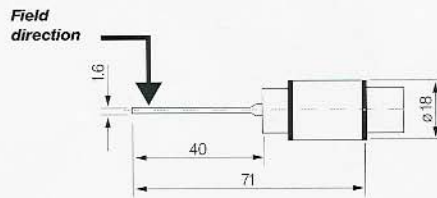


Measuring Probes (plug-in):

Dimensions in mm



Axial Field Probe



Tangential Field Probe

The instrument is equipped with a peak value memory and a data memory capable to store 100 readings. The stored readings can be evaluated statistically via the serial interface RS 232 on the Data Printer DUO-PRINT or on a computer.

The Field Meter **MP-100** is mains-independent and works with a hybrid battery (6.2 V).

Standard Delivery:

- Field Meter MP-100 with one measuring probe (tangential or axial)
- Battery charger
- Leather case

TECHNICAL DATA

Measuring Technique:

Hall sensor

Measuring Unit:

A/cm (or Oe-Gauß switchable)

Measuring Ranges:

DC: 0-20 000 A/cm (Oe-Gauß)

AC: 20-2000 A/cm (Oe-Gauß)

Resolution:

0.1 A/cm (0 - 200 A/cm)

1.0 A/cm (200 - 2 000 A/cm)

0.1 kA/cm (2.00 - 20.00 kA/cm)

Indication:

LCD display, 3 1/2-digit

Accuracy:

$\pm 2\%$

Power Supply:

Hybrid battery 6.2 V

Battery Capacity:

approx. 8 hours

Memory:

max. 100 readings

Statistics:

MIN, MAX, MEAN,
STD.DEV. to serial interface

Interface:

RS 232

Dimensions:

108 x 48 x 38 mm

Weight (incl. one probe):

120 g

OPTIONALS

- Additional probe (axial or tangential)
- Data Printer DUO-PRINT incl. connecting cable and charger
- Suitcase for MP-100 and DUO-PRINT
- Car charger (12 V)
- Data transmission program TRANSFER (DOS 3.1) incl. interface cable
- Graphic evaluation program STAT-4 (Windows 3.1/Win 98) incl. interface cable



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