

FIELD STRENGTH METER FH 55



FH 55

• Description

The magnetic field strength meter FH 55 is a compact precision instrument that measures the magnetic flux density and field strength in Gauss, Tesla and Ampere/meter. The instrument is supplied with a zero field chamber and an operation manual in English language.

Many different Hall probes are available, for example probes with especially small active areas for measurements of the size of a dot, or probes with a high degree of sensitivity or with a built-in sensor for correction of temperature dependency. The latter also allows display of the temperature.

● Features

- 3 ¾ - digit LC display (0...+/- 2999)
- Ranges* :
30 µT, 300 µT, 3 mT, 30 mT, 300 mT, 3 T, 30 T
300 mG, 3 G, 30 G, 300 G, 3 kG, 30 kG, 300 kG
24 A/m, 240 A/m, 2.4 kA/m, 24 kA/m, 240 kA/m, 2.4 MA/m, 24 MA/m

*ranges available depend on probe type

- Frequency: DC, 30 Hz – 20 kHz
- Basic accuracy:
DC : ± 0,3 %
AC : ± 2 %
- Temperature range:
Operation: +10 °C to +40 °C
Storage: -40 °C to +60 °C
- Automatic probe zero
- Automatic and manual range selection
- Double limit function with relay output
- Relative measurement
- Filter
- Max./Min. hold
- Peak hold
- Probe temperature correction
- Probe temperature display
- Probe linearity correction
- Analogue output (uncorrected)
- RS232 interface
- Large probe selection

● Other data

Weight : approx. 2 kg

Dimensions : width 245 mm x depth: 180 mm x height: 100 mm

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