

Flux density measuring unit H1-4, item number 80.0017.B

Application Hand-held unit to measure permanent and alternating magnetic fields

Technical data:

Display LCD-display, 15 mm high, 3 ½ digits, 3 readings/second, automatically polarity display

Measuring ranges 3 measuring ranges 0-20 mT, 0-200 mT und 0-2000 mT

Highest resolution 0.01 mT

Measuring accuracy better $\pm 2\%$ of the measured value via internal calibration voltage
better $\pm 1\%$ of the measured value by means of reference magnet

Output analogue output ± 200 mV equivalent 1999 digits,
connection for analogue-display, x-y recorder and A/D converter

Power supply via included power supply or dry battery 9 V

Time of operation approx. 100 hours with dry battery

Dimensions 145 mm x 80 mm x 38 mm

Weight 0.3 kg



Axial-Hall probe HS-A 301, item number 80.0017.A.03
to measure the magnetic field strength H with the flux density meter H1-4

Application For measurements of fields that run in the direction of the probe axis

Dimensions

Diameter	6+0.05 mm
Length (without handle)	70 mm
Length (with handle)	140 mm



Transversal-Hall probe item number 80.0017.A.04
to measure the magnetic field strength H with the flux density meter H1-4

Application For measurements of fields that are perpendicular to the probe axis

Dimensions

Thickness	1.2 mm
Width	5.0 mm
Length (without handle)	70 mm
Length (with handle)	140 mm

