List-Magnetik
A COMPANY OF PCE INSTRUMENTS

MAGNETIC FIELD METER

LM-MP1000-Z2



Specification

Magnetic field AC	
Measuring range up to	20 ... 20000 A/cm
Resolution	0,1 A/cm
Accuracy	in homogeneous field ± 1 A/cm up to 50 A/cm, ± 2% of measured value from 50 A/cm
Frequency range	10 ... 5000 Hz
DC magnetic field	
Measuring range up to	0 ... 20000 A/cm
Resolution	0,1 A/cm
Accuracy	in homogeneous field ± 1 A/cm up to 50 A/cm, ± 2% of measured value from 50 A/cm

General technical data	
Units	A/cm, g, Oersted
Units additional information	Units switchable (1 A/cm = 0.1 kA/m = 1.256 Gauss = 1.256 Oersted)
Display Typ	LCD
Memory capacity Additional information	with pulse time >= 0.1 msec
Sensor additional information	Transversal tongue probe P-Z2 Measuring distance of the Hall sensor: 0.4 mm Thickness of the probe: 0.7 mm Total length of the probe: 150 mm Length of the probe handle: 85 mm Width of the probe tongue: 4.3 mm
Operating time	35 h
Menu language	German, English (GB), English (US), French, Italian, Spanish, Hungarian, Polish, Dutch
Protection class (device)	IP64
Power supply	1.5V AA Batterie
Battery/battery	2 x 1,5 V AA Battery (1,5V) , Alkali-Manganese
Battery capacity	3000 mAh
Operating conditions	0 ... 50 °C , 10 ... 90 %RH
Storage conditions	0 ... 50 °C , 10 ... 90 %RH
Dimensions (L x W x H)	105 x 65 x 26 mm
Weight	137 g