

Magnetis II



Remanent magnetic field meter Successor of Magnetis

- Display the measured continuous value as well as its maximum
- Designed to check the absence of residual field after demagnetization of parts
- Measurements accessible remotely via wired or wireless communication
- Measurements recording for computer processing
- Fully configurable by the user

Technical characteristics



Detection characteristics

Measured domain:	Remanent magnetic field
Range:	+/- 47000 A/m
Units:	A/m, kA/m, A/cm, Oe, G, μ T, mT
Max resolution:	1 A/m ; 0.001 kA/m ; 0.01 A/cm ; 0.01 Oe ; 0.01 G ; 1 μ T ; 0.001 mT



Mechanical and environmental characteristics

Operating temperature:	from 10 to 50 °C
Dimensions case:	140 x 71 x 34 mm
probe:	Ø 10 mm ; h 31 mm
Weight:	280 g (with batteries)
IP code:	IP54



Electrical characteristics

Stand-alone device:	3 AA cells or batteries
Supply power:	USB-C port (5 V)
Battery life:	30 h



Connectivity

Wireless connection:	Wi-Fi IEEE 802.11b/g/n - 2.4 Ghz - 50 mW
Wired connection:	USB-C - virtual serial port
Data retrieval:	USB Mass storage



Features

Display:	2.8" color screen
Values recording:	Time-stamped measurements (per user, if enabled)
Languages:	French, English
Possible user and rights management	
Modular display:	User choice of values to display
Automation:	Possible integration into an automated measurement

Application & use

Magnetis II is dedicated for measurement of remanent magnetic field. Magnetis II has been developed to check the absence of residual field after demagnetization of parts in magnetic particle inspection.