

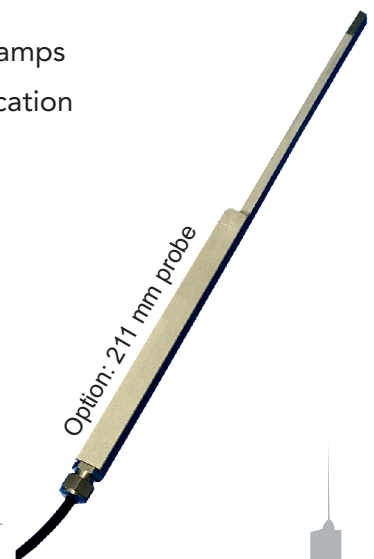
Analyse II



Tangential magnetic field analyzer Successor of Analyse

- 4-in-1 : average, RMS, peak measurement and field curve display
- Designed for controlling magnetic particle testing benches and clamps
- Measurements accessible remotely via wired or wireless communication
- Measurements recording for computer processing
- Fully configurable by the user

 Carmelec



Technical characteristics



Detection characteristics

Measured domain:	Tangential magnetic field
Range:	+/- 47 kA/m
Units:	kA/m, A/m, A/cm, Oe, G, μ T, mT
Max resolution:	0.001 kA/m ; 1 A/m ; 0.01 A/cm ; 0.01 Oe ; 0.01 G ; 1 μ T ; 0.001 mT
Frequency range:	40 Hz to 410 Hz and continuous



Mechanical and environmental characteristics

Operating temperature:	from 10 to 50 °C
Dimensions case:	140 x 71 x 34 mm
straight probe:	60 x 8 x 8 mm
angle probe:	46 x 8 x 17 mm
long probe:	211 x 8 x 8 mm
Weight:	290 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

Analysse II is dedicated for measurement and analysis of tangential magnetic field. Analysse II has been developed to control testing benches and clamps in magnetic particle inspection. Analysse II allows to analyzed the generated magnetic field by measuring its values or by displaying its curve.