



ANALYSSE is a tangential field strength meter.

ANALYSSE is designed for use in the field of the magnetic particle inspection (MT), whatever the waveforms of the magnetic field are: DC, AC or chopped (half wave rectified, multi-wave rectified or thyristors chopped waveform).

It allows to analyse the generated magnetic field either by measuring its values (rms, mean, peak) or by displaying its curve. It is fitted with an algorithm of data processing which allows it to quickly react by displaying a stable value. The storage of values on the display is obtained by simply pressing on a key.

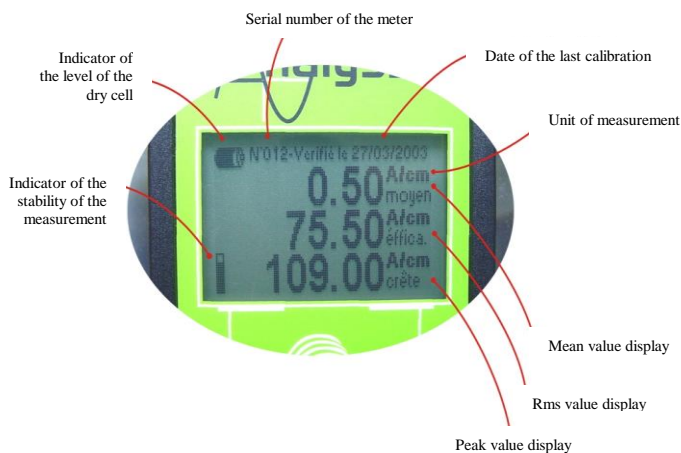
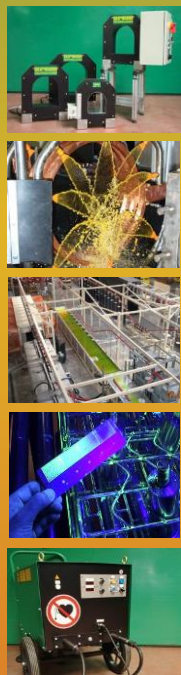
It meets the specifications of electromagnetic compatibility which are relevant to this type of equipment in the industry.

ANALYSSE is designed to be easy to use and to be as light as possible.

It is composed of a reinforced ABS plastic casing to give it a good steadiness. A cover gives easily access to the dry cell. A folding tripod allows to place **ANALYSSE** facing the user for maximum comfort to read the values on the display.

ANALYSSE can display measurements according different units that the user can choose. Power is delivered by a 9V dry cell (type 6F22; PP63; 6LR61).

ANALYSSE is supplied with 2 types of probes either straight probe or bent right angle probe



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TECHNICAL INFORMATION

Probe: Hall probe SS495A
Range: From - 47 000 to 47 000 A/m
Units: kA/m, A/m, A/cm, Oe ET mT
Resolution: 10 A/m
Frequency range: DC and from 40 Hz to 410 Hz
Frequency sampling: 10 kHz

Environmental and mechanical characteristics

Dimensions of the unit: 120 mm x 65 mm x 22 mm (probe not included)
Weight: 180 g with dry cell
Casing: Reinforced plastic ABS
Humidity & Dust tightness: IP 64

Electrical Characteristics

Electromagnetic compatibility: conform to EN 61326 Ed.97 + A1 Ed.98 + A2 Ed.01
Power: Dry cell 9 V (PP3/ 6F22 / 6LR61)
Consumption: 27 mA
Operating time: 20 hours approx (without backlight)

SREM may deliver the certificates of calibration using transfer standards directly traceable to national standards (COFRAC)



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