

MAGNETIX

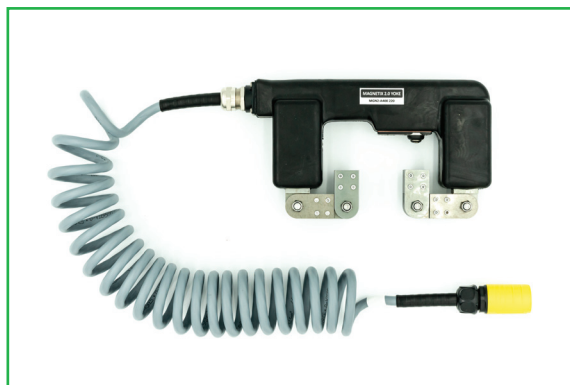


Electromagnet on Ac battery



description

the **Magnetix** presents itself as the brand new stand-alone solution for your on-site magnetic particle inspections. Thanks to its intelligent inverter of French design and manufacture using the latest technology, it allows you to work with alternating current without worrying about access to the electrical network. The lithium-ion battery provides about 3 hours of work that you can complete in the kit with three spare batteries, bringing the maximum autonomy up to 12 hours. Ultra compact and ergonomic with a belt system allowing an ideal distribution of the load, the **Magnetix** offers the operator unparalleled comfort. The materials have been chosen for their solidity and the mechanically reinforced connectors and cables, making **Magnetix** a top-of-the-range device that is not only pleasant to use but also reliable and robust to withstand difficult field conditions. It is delivered as a complete kit in a hardened transport case accompanied by all the essential accessories: electromagnet, inverter, battery, charger and cables, all integrated on a fabric belt with metal closure. the **Magnetix** conforms to the *EN ISO 9934-3* (lifting test > 4.5 kg).



technical characteristics

Electromagnet ground	2.3kg
electromagnet dimensions (L x W x H)	230 x 45 x 90mm
current and wave types	18 V dc converted into 220 V Ac sinusoidal
section of the poles	20 x 20mm (4mm ²)
Pole spacing	Up to 210mm
rated current	2.2A
Magnetic field strength	2000 A/m with nominal gauge of 130 mm
lifting force	> 4.5kg
Protection sign	IP54
Autonomy	3h (place in the kit for 4 batteries so up to 12h)
Inverter ground	790g
inverter dimensions (L x W x H)	95 x 55 x 155mm
Battery ground	664g
battery dimensions (L x W x H)	120 x 75 x 65mm
battery capacity	4Ah
Loading time	< 2 hours
Cable length	2.5 m coiled cable
Delivered with	Electromagnet, power driver inverter, Li-Ion battery, charger, connection cables, belt with brackets accessories, verification report, instructions
Total mass of the kit in its case	10.6kg



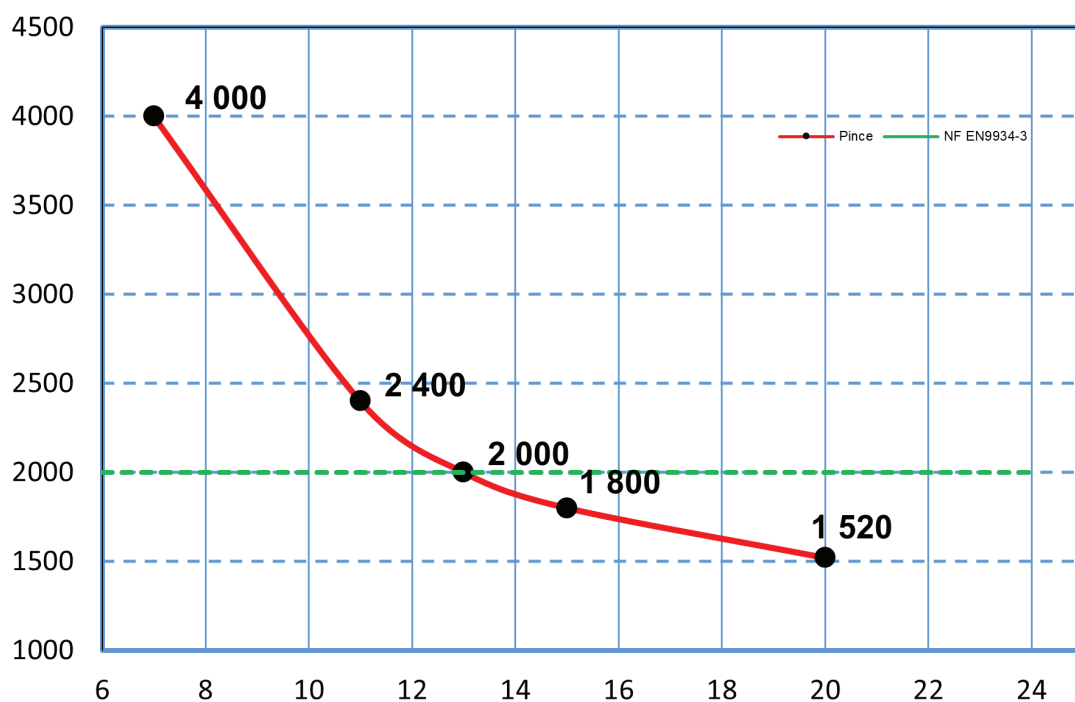


(Only one battery supplied in the standard kit)



TANGENTIAL MAGNETIC FIELD MEASUREMENTS AT DIFFERENT PITCHES*

Distance (cm)	20	15	13 (parallel poles)	11	7
ht (rms value)	1,520	1,800	2,000	2,400	4,000



** for information only, does not constitute a specificity*



associated products

our range of aerosols **FLOW 3** (petroleum-based black magnetic liquor), **FLUXO 215** (water-based black magnetic liquor), **FLOW 7** and **FLOW 4** (white backgrounds) and **FLOW 5** (solvent for white background) make it possible to carry out magnetic particle inspection in daylight.

in fluorescent magnetic particle testing, the **FLOW 6** (petroleum-based fluorescent magnetic ink) or **FLUXO 307** (aqueous-based fluorescent magnetic ink) under appropriate UV-A lighting meet the necessary conditions to carry out your checks.

As for the trio **ANALYSIS** (tangential magnetic field meter), **MAGNETIS** (remnant magnetic field meter) and **POLLUX** (combined radiometer/luxmeter), they will be the guarantors of a correctly carried out control, in accordance with the standards *EN ISO 9934-3* and *EN ISO 3059*.



fluxo



S-LED UV projector



MDC1-N2



Pollux



Magnetis



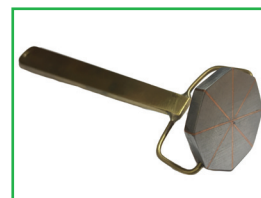
Analysis



Berthold Cross



Castrol Indicators



ASME witness



M5 Afterglow Indicator