

MPI-1802WF Waterproof Rechargeable AC Magnetic Yoke Flaw Detector



This magnetic particle flaw detector is designed for waterproof, dustproof and anti-seismic, magnetic particle inspection work adapted to harsh and special environment.

Performance feature

- Yoke adopts Japanese ultra-thin high permeability core, high efficiency of magnetization, 50% decrements in weight, continuous work, long service life.
- This is a wireless integrated machine consisting of a miniature yoke and an AC magnetized power supply. It has stable AC magnetic field without external power supply, and integrating magnetic exploration, power supply, lighting and other functions into the machine with 3D printing which is dust-proof, waterproof and shockproof. The instrument is ergonomically designed, comfortable, small, light and convenient.
- High-brightness LED illumination source for illumination and flaw detection image viewing. The UV type integrates an ultraviolet lamp to perform both ordinary magnetic particle inspection and fluorescent magnetic particle inspection.
- Product is controlled by system that is intelligent and adaptive:
 - 1) To definite load - unload working modes automatic, avoiding overload;
 - 2) Buffering control to start and stop, stable working;
 - 3) Auto-definite lifting force and stop working when luting force is not enough, guaranteed sensitivity.
- Battery indicator display in real time, and automatically monitor the protector. In case of abnormal conditions (such as excessive temperature), the circuit is cut off in time to prevent accidents.
- Special probe adjuster makes probe adjustment more easily.

Details

Model Items	MPI-1802WF
Lifting Power	>70N
Sensitivity	A1-15/100
Magnetic pole distance	10~ 170mm
Working time	16h
Power W.	1.2Kg
Power V.	210 x 95 x 32mm
Weight of the probe	1.4kg
Size of the probe	160 x 140 x 35mm
Light intensity	≥2000LUX
Charging power supply	100~240VAC
Charging time	4-6h
Special charger	16.8V/3A
Continuous working feature	100%

