

## MPI-12 Series

### Rechargeable AC Magnetic Yoke Flaw Detector



MPI-

#### Performance feature

Magnetic powder flaw detection technology, adopting the principle of magnetic leakage detection of steel structure material, is the most effective technology so far. The rapid

development of economic globalization puts forward higher standards to material quality and testing performance. But the existing magnetic equipment has been used the results directly observed by human to identify if there are defects. The main shortcomings are: great labor intensity, slow testing speed, serious missed detection, difficult to identify, record, and store flaw detected, inconvenient to manage and analyze.

Camera type charging AC magnetic yoke flaw detector, developed by our company, adopts the latest digital imaging technology to magnetic flaw detector, and has the function of HD photograph, video and store. The instrument, with white and UV light source, has the functions of ordinary magnetic powder flaw detection and fluorescent magnetic particle inspection.



Including camera type micro magnetic yoke rechargeable power AC magnetization and special monitor, small, light, convenient;

- With white and UV light source;
- Special material electronic control switch, mechanical life 100000 times;
- Yoke equipped with highlight LED lighting device, automatic lighting up at work, high brightness, resistance to impact;
- Imported high-density Li-batteries, with special protection;
- Power display indicator, real-time displaying battery power;
- With the self-protection of overcharge, over-current, over-discharge, over-hot;
- With mandatory reset-circuit;
- Intelligence identification no-load and control, avoiding the damage of overload;
- Automatic control of start and stop, working stably;
- Intelligence power-off protection (when the lifting force is not enough), guaranteeing the detection sensitivity;
- Attachment equipped with a bending case;
- Self-locking push-pull type quick plug, convenient to use;
- Equipped with special work package, easier and safer.

### Details

Items Model	MPI-1203	MPI-1206UV
Lifting Power	>70N	
Sensitivity	A1-15/100	
Magnetic pole distance	40 ~ 200mm	
Working time	16h	
Power W.	1 kg	
Power V.	190 x 96 x 60mm	
Weight of the probe	1.6kg	
Size of the probe	180 x 165 x 50mm	
Light intensity	$\geq 2000\text{LUX}$	
Ultraviolet radiation luminance		Ultraviolet : the wavelength is 315~400nm, the peak wavelength is about 365nm, Ultraviolet radiation luminance $\geq 6000\mu\text{W}/\text{cm}^2$
Charging power supply	100~ 240VAC	
Charging time	4-6h	

