

## MPI-1702 Series Constant Magnetic Mini All-in-one Magnetic Yoke Flaw Detector



This magnetic particle flaw detector is designed for using indoors and outdoors professionally.

This magnetic particle flaw detector is all-in-one and has multi-function, which can complete all of magnetic particle flaw detecting works very well.

### **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 dustproof, 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 :
  - <sup>2</sup> To definite load - unload working modes automatic, avoiding overload;
  - <sup>2</sup> Buffering control to start and stop, stable working;
  - <sup>2</sup> Auto-definite lifting force and stop working when lifting 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.



MPI-1702UV

### Details

Items Model	MPI-1702UV	MPI-1702
Lifting Power	>70N	
Sensitivity	A1-15/100	
Magnetic pole distance	10~ 170mm	
Working time	16h	
Weight of the battery module	200g	
Size of the battery module	86 x 52 x 45mm	
Weight of the probe	1.1kg	
Size of the probe	165 x 148 x 45mm	
Light intensity	≥2000LUX	
Ultraviolet radiation luminance	Ultraviolet: the wavelength is 315~400 nm, the peak wavelength is about 365nm, Ultraviolet radiation luminance ≥6000μW/cm <sup>2</sup>	
Charging power supply	100~240VAC	

Charging time	4-6h
Special charger	16.8V/1A
Continuous working feature	100%
Battery type	Replaceable



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