



Electro Permanent Magnetic Chuck Controller Manual

Description

1. Production Feature:

This product is designed based on the working principle of electro-permanent magnet chucks. It is an intelligent controller with a single-chip microcomputer as the control core. It takes the simplest operation as the design concept and uses high-voltage output devices with high voltage resistance. And low power consumption, ensure that the system can run safely and reliably for a long time.

2. Precautions

The working environment of this product should be: no flammable and explosive objects, gases, dust, conductive particles; no corrosive liquids; away from high temperature and strong electromagnetic fields.

This product belongs to high-voltage and high-voltage equipment. There is no part inside the user that needs to be adjusted. Do not open the case to prevent personal safety accidents. It is recommended to connect the product with a circuit breaker.

Technical characteristics

1. Performance characteristics

1. It can control the charging and demagnetizing action of one to four permanent magnet chucks (corresponding to channels 01 to 04 respectively), which is simple and efficient;
2. The controller completely shuts off the power from the main circuit without any output after the controller is in standby or after charging and demagnetizing successfully;
3. The single-channel or multi-channel output can be determined by the channel selection switch on the front panel. After gating, the LED indicator of the corresponding channel on the panel lights up red; when not selected, the LED indicator of the corresponding channel on the panel is off. ;
4. When multiple channels are selected for output, they will be output by the corresponding output interface once;
5. The optional wired operation controller (3-button hand-held communicator) can be used to perform charging and demagnetizing actions;
6. The parameter setting can be performed through the optional wired setting controller (6-button hand-held communicator);
7. The charging and demagnetizing actions are started on the rising edge.

2. Technical characteristics

1. Rated input voltage: AC 380V \pm 10%;
2. Output voltage: MAX DC 170V;
3. Magnetizing intensity: adjustable from 1 to 10;



Great Magtech (Xiamen) Electric Co., Ltd.

Tel: +86-592-6682467

Email: sales@greatmagtech.com

Office: 5F, No.601 Hengtian Rd, Jimei District, Xiamen, China 361024

4. Maximum output current: 50A;
5. Charging and demagnetizing time: 0.1~1.0 seconds adjustable (corresponding setting: 1~10);
6. Multi-channel charging and demagnetizing interval: 1.5 seconds.

Contact:

Great Magtech (Xiamen) Electric Co., Ltd.

Tel: +86-592-6682467

Email: sales@greatmagtech.com

Office: 5F, No.601 Hengtian Rd, Jimei District, Xiamen, China 361024