

The Magnetizing and Demagnetizing Power

EX Magnetizing Power



Main Uses of the magnetizing power

- **Type of 1000V**
magnetizing for speaker, speedmeter, automobile motor, earphone, single magnet.
- **Type of 1500V**
multi-pole Magnetizing for rare earth and plastic ferrite magnet, inner magnetizing for micromotor, PM stepin motor, VTR, small flat motor, fan motor, small DC motor, magnetic encoder, FG.
- **Type of 2500V**
magnetizing for rare earth (SmCo, NdFeB), AC servo motor, hybrid/PM stepping motor, movement for watch, magnetron principal axis motor, focus actuator, air-condition motor, refrigeration motor.
- **Type of 4000V**
magnetizing for large size rare earth (SmCo, NdFeB), electrical vehicle motor, big servo motor and linear servo motor, IPM motor.

Main uses for the magnetizing and demagnetizing powers

Demagnetizing for plastic magnet of spool runner, ahead-process of crushing for recycle, remagnetizing of reject, it is notes the magnetic characteristic of NdFeB PM will be changed after demagnetizing. The high-HC magnet can not be demagnetized completely.

EX I

EX II

EX III

EX IV

| Model | EXD-1520-30 | EXD-2520-30 | EXD-2530-30 | EXD-4030-30 | EXD4060-30 |
|--------------------|-----------------------|--------------------|-------------|--------------------|------------|
| Input Power | AC220V 50~60Hz 30A | AC220V 50~60Hz 40A | | AC380V 50~60Hz 60A | |
| Max Output Current | 30,000 | 30,000 | | 30,000 | |
| Charge Voltage | DC50~1500V | DC50~2500V | | DC200~4000V | |

| Repet Precision Of Charge Voltage | +/- 1V+1 digit | +/- 1V+1 digit | | +/- 1V+1 digit | |
|-----------------------------------|-----------------|-----------------|------------------|-------------------|-------------------|
| Charge Time | 5 sec | 6 sec | 10 sec | 12 sec | 24 sec |
| The capacity of Condenser | 2000 uF | 2000 uF | 3000 uF | 3000 uF | 6000 uF |
| The Capacity Of Changing | 1000/2000 | 1000/2000 | 1000/2000/3000 | 1000/2000/3000 | 1000/2000/6000 |
| Main Switch | SCR | SCR | | SCR | |
| Compare Function | Have | Have | | Have | |
| Interior Discharge Circuit | Have | Have | | Have | |
| Enclosure Dimensions | 600W×900D×1350H | 700W×900D×1450H | 700W×1180D×1450H | 1000W×1000D×2000H | 1660W×1000D×2000H |
| Weight | 250Kg | 410Kg | 510Kg | 1200Kg | 1800Kg |

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