

Ion Gun Power Supply

ISA-8000

Features

The ISA-8000 features fast response and precision control, over-current protection, constant voltage circuits and short circuit protection circuits as safety devices, and displays the internal operating status as a lamp (LED) for easy maintenance.

Analog meters, various control switches, and lamps to check control are displayed on the front to prevent malfunction of the equipment.

ISA-8000 is applicable to electronic beam coating equipment, vacuum cleaning equipment, resistance heating coating equipment, and vacuum testing equipment.

* Can be used in conjunction with ORIGIN's AN-9500 product.

* Some layouts may not be installable, so please inquire before placing an order.

* We cannot guarantee the product's performance when used in combination with products from other manufacturers.



Power supply unit



Operation controller

Technical Specifications

Power (Energy)	4KW
Output emission current	0 to 16Adc
Output anode voltage	0 to 250Vdc
Output anode current	0 to 16Adc
Output filament current	0 to 50A
Line power	1-phase 220Vac 50Hz/60Hz 4KVA 10%
Working timer	0 to 9999 sec, Minute adjust
Operation controller switch	Power on/off, System start, Gas on, System/Gas off, Int/Ext, Working timer adjust, Anode adjust, Filament adjust
Operation controller-display analog meter	Anode voltage, Anode/Emi current, Neutral/Filament current
Operation controller display lamp	Int/Ext, Anode/Emi, Neutral/Filament, System start, Gas on, Gas off, Working timer
Nonlinearity	Nonlinearity $\pm 2.5\%$ FS
Operation controller dimensions (Unit: mm)	485 (W) X 400 (D) X 178 (H)
Power supplies dimensions (Unit: mm)	600 (W) X 600 (D) X 560 (H)
Vibration in the workspace	Approx X,Y,Z < 0.2G Less than
Operating temperation & Humidity	17 to 25°C, 20 to 70% RH
Weight	Approximately 80Kg

