

电子枪电源供应器

ISA-7000

特征

ISA-7000 型号的电子枪电源供应器是一种能够输出高性能高电压的产品。

ISA-7000由主体, 操作控制器, 可选购的扩展控制台和遥控器组成。

由于可为电子枪提供强大而稳定的电源, 因此可以生产高品质的产品。

- * ORIGIN (奥力进) 产品电子枪系列 一起使用.
- * 当与其他厂家的产品混合使用时, ORIGIN (奥力进) 无法保证产品的性能.
- * 某些布局可能无法安装, 请在订购前咨询.
- * ORIGIN (奥力进) 的产品 ISA-7000 都可以根据订单进行定制生产.
- * 坩埚 (Crucible) 和电子枪分别销售, 可一起使用.



电源主机



操作面板

电弧抑制器

* 安装在主机内



遥控器



规格

Power (Energy)	10KW	20KW
Accuracy	5% FS	5% FS
Digital communication	Option	Option
Auto program sweep	Option	Option
Power (3-Phase 220Vac 50Hz/60Hz 10%)	15Kva	25Kva
Output emission current	0 to -1000mA	0 to -2000mA
Output accelerating voltage	-3000 to -10000Vdc	-3000 to -10000Vdc
Output filament current	0 to 30A	0 to 50A
Ripple	4% or Less at maximum	4% or Less at maximum
Beam deflection current	0 to 2.5A	0 to 2.5A
Beam scanning current	60Hz (X axis), 600Hz (Y axis), Output 2Adc	60Hz (X axis), 600Hz (Y axis), Output 2Adc
Operation controller switch	ACC-ON, FIL-ON, ACC/FIL-OFF, INT/EXT	ACC-ON, FIL-ON, ACC/FIL-OFF, INT/EXT
Operation controller (LED)	Above switch, Alarm (4 points), Interlock (5 point)	Above switch, Alarm (4 points), Interlock (5 point)
Operation controller function	Accelerating voltage, Deflection current, Emission current, X-Y position and X-Y scanning	Accelerating voltage, Deflection current, Emission current, X-Y position and X-Y scanning
Operation controller- emission current meter	0 to -100mA, 0 to -600mA, 0 to -1000mA / 3 Ranges	0 to -100mA, 0 to -600mA, 0 to -2000mA / 3 Ranges
Operation controller- external signal input	14 point	14 point
Operation controller- external signal output	9 point	9 point
Operation controller dimensions (单位: mm)	483 (W) X 350 (D) X 150 (H)	483 (W) X 350 (D) X 150 (H)
Power supply main dimensions (单位: mm)	580 (W) X 860 (D) X 1415 (H)	580 (W) X 860 (D) X 1700 (H)
Ground	Lees than ground resistantce 10 ohm	Lees than ground resistantce 10 ohm
Vibration in the workspace	Approximately X,Y,Z < 0.2G Less than	Approximately X,Y,Z < 0.2G Less than
Operating temperature & Humidity	17 to 25°C, 20 to 70% RH	17 to 25°C, 20 to 70% RH
Weight	Approximately 380Kg	Approximately 470Kg

