



ISA-8000 *Ion Power Supplies*

*Evaporation Power 0V to 250V, 0A to 16A
4Kw, 8Kw*

본 이온빔 파워 공급장치는 빠른 응답과 정밀 제어가 되며 보조증착 및 크리닝, 스퍼터링에 사용됩니다.

안전장치로 과전류보호, 정전압회로, 단락보호 회로가 내장되어 있으며 내부의 동작상태를 램프(LED)로 표시되며 유지보수가 쉽도록 제작되었습니다.

전면에 아나로그메터와 각종 제어스위치 그리고 제어를 확인할 수 있도록 램프가 표시되어 장비의 오 조작을 하지 않도록 하였습니다.

사용분야는 전자빔코팅장비, 저항가열식코팅장비, 진공시험장비, 기타장비에 사용 할 수 있습니다.

This product, ISA-8000 Ion beam power supply can provide you with rapid responses and minute controls This can be applied to assistance evaporation and cleaning, sputtering.

Excess current protection, constant voltage circuit, paragraph protection circuit are built-in for safety device.

Active state of inside can be displayed by LED (Light Emitting Diode) so that maintenance can be handled with ease.

Anarogeumeter, various control switches, lamps that displays the status on the front side, are adopted confirming users not to perform any misconduct.

This can be applied to electron beam coating equipment, resistance heating way coating equipment,



Technical specifications

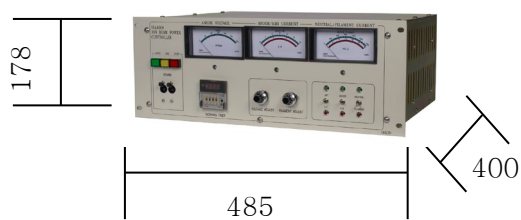
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|----------------------------------|--|
| Power (Energy) | 4Kw, 8Kw |
| Output emission current | 0-16A dc |
| Output anode voltage | 0-250V dc |
| Output anode current | 0-16A dc |
| Output filament current | 0-50A max |
| Line Power | 1-phase 220Vac 50/60Hz (4KVA to 10KVA) 10% |
| Working timer | 0-99 Sec, minute adjust |
| Operation control switch | Power on/off, system start, gas on, gas off, int/ext, working timer adjust, Anode/emi, neutral/filament, voltage adjust, filament adjust |
| OP-Control display analog meter | Anode voltage, anode/emi current, neutral/filament current |
| Operation control display lamp | Int/ext, anode/emi, neutral/filament, system start, gas on, gas off, working timer |
| Nonlinearity | +/- 2.5% FS |
| Operation control dimensions | 485(W) X 400(D)mm X 178(H) |
| Power supplies dimensions | 600(W) X 600(D)mm X 560(H) |
| Operating vibration | Approx X,Y,Z < 0.2G Less Than |
| Operating temperation & humidity | 17...25℃, 20...70% RH |
| Weight | Approx. 80kg |



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Dimensions

Unit mm



Operation controller



Power supply main

Order code

ISA-8000-AA-B-C-D

| | | |
|----------|-----------------------|---|
| A | Power (Energy) | 04 =4Kw, 08 =8Kw |
| B | Accuracy | 5 =5%, 1 =1% |
| C | Digital communication | 0 =Non, 1 =Communication |
| D | Auto program | 0 =Non, 1 =Auto program sweep |



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