



PULSE ARC PLASMA POWER SUPPLY

Introduction:

PP3KP100 is a 3kV 100W pulse arc plasma power supply for electron source and plasma ion source. Power supply can be pulsed in microseconds to milliseconds pulse width intervals and at very low to very high repeat rates in continuous pulses or for desired time duration.

Applications:

1. High Current Electron Source
2. Ion Implantation Ion Source
3. Material Analysis
4. Surface Hardness Modification
5. Functional Material



Plasma Ion Source for surface modification

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Specifications: Model No. PP3KP100

Description

Details

Amplifier Details

- High Voltage ----- : 0-3kV
- Power Output ----- : 100 Watts
- Current Limit ----- : 1mA to 30mA
- Input Pulsewidth ----- : 10us to 10ms
- Repeat Rate ----- : 10Hz to 10kHz
- Output Connectors ----- : SHV 50 Ohms
- Communication ----- : RS232 9600, 8, n, 1
- Display ----- : LED / LCD Display of voltage and current
- Manual Preset ----- : 10 turn potentiometers
- Power ----- : 230V 50Hz 5A
- Instrument Case ----- : 19" rack module

Optional Accessories

- 5030BNCPE ----- : 30cm long BNC cable PE insulated RG58 type (Rs.1000)
- 50100BNCPE ----- : 100cm long BNC cable PE insulated RG58 type (Rs.2000)
- 5030SHVPTFE ----- : 30cm long SHV cable PTFE insulated RG58 type (Rs.5000)
- 50100SHVPTFE ----- : 100cm long SHV cable PTFE insulated RG58 type (Rs.7000)
- 7530SHVPTFE ----- : 30cm long SHV cable PTFE insulated RG59 type (Rs.5000)
- 75100SHVPTFE ----- : 100cm long SHV cable PTFE insulated RG59 type (Rs.7000)
- 75300SHVPTFE ----- : 300cm long SHV cable PTFE insulated RG59 type (Rs.9000)

Price PP3KP100 ----- : Rs.1399998.00 plus tax

Warranty ----- : 12 months free repair at factory

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