

6kV DC Power Supply

BIM-5058

BIM-5058 is an adjustable DC power supply with an output range of 0~6 kV. Considering high-voltage safety precautions, the current is limited by a built in series resistance, Short circuit current is 2 mA maximum. Under load, the voltmeter shows the actual output voltage. Additionally, the BIM-5058 can provide 6.3V AC output, which serves as the standard filament heating voltage for most vacuum tubes. The AC circuit is capable of delivering a maximum current of 3A.



Features

- 0 to 6kV DC adjustable and stable
- Maximum 2mA short-circuit current protection
- 6.3V AC standard filament heating voltage

Applications

- High-voltage component testing
- Dielectric research
- Corona discharge experiments
- Electrostatic testing
- Gas light source power supply
- Mass spectrometer power supply
- Plasma excitation

What's included

#	Part Description	Model	Qty.
1	6kV DC Power Supply	BIM-5058	1
2	Power cord	BC-105075	1

Specifications

Item	Specification
Output voltage (DC)	0 to 6kV continuously adjustable
Short-circuit current (DC)	Max.2mA
Accuracy (DC)	1% + 0.01kV
Output voltage (AC)	6.3V
Output current (AC)	Max.3A
Input Power Supply	110/220VAC

Dimensions (mm)

