



## 71230 Model

1, 2, 10, 20, 30kV low cost laboratory unit.



### Specification Summary

Genvolt introduces the newly developed 71230 range of high voltage power supplies. These are used primarily as laboratory power supplies. The power supply has an LCD digital voltage reading, adjustable voltage range, highly stable output and low ripple. The unit is available in positive or negative polarity and one or two output connectors depending on customer requirements.

#### General Specification

	71030	72030	73030	70130	70230
Input Voltage	22-26VDC	22-26VDC	22-26VDC	22-26VDC	22-26VDC
Or	85-260VAC	85-260VAC	85-260VAC	85-260VAC	85-260VAC
Output Voltage	0-10kV	0-20kV	0-30kV	0-1kV	0-2kV
Max Output Current	3.0mA	1.5mA	1.0mA	30mA	15mA
Output Power	30W	30W	30W	30W	30W
Polarity	P/N	P/N	P/N	P/N	P/N
Ripple	<0.01%	<0.01%	<0.01%	<0.01%	<0.01%
Stability	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Temperature Coefficient	<100ppm/°C				
Efficiency	>75%	>75%	>75%	>75%	>75%

#### Mechanical Specification

The power supply is enclosed in a folded steel enclosure. 1.5mm steel with fine texture S88 black paint finish.

#### General Specification

Width	200mm
Length	300mm
Height	100mm

#### Other Features

- 3.5 digital LCD output voltage display
- Single or dual output
- Adjustable output voltage from 0-100%

#### Protection

- Overload, arcing and short circuit
- Unit enters constant current mode when fault occurs
- Protection against reverse polarity from power supply

#### Safety enable/inhibit input

- Low or unconnected: No HV output
- High: Enable