MSV-5 Electrospray High Voltage DC power supply

Simple, low cost, robust high voltage (5 kV DC) power supply for electrospray deposition applications.

THECHNICAL DETAILS

Dimensions
W232, L192, H111 mm

Input voltage
85 to 264 VAC

Output voltage
0 to +5000 VDC

Output current
1 mA(max)

Ripple & noise
500 mV

Housing
Panel mounted into a Peli 1150 case

Operation
Mains input: IEC power entry
HV output: LEMO socket
Control: Panel mounted dial

Options
Second HV output (0 to -5000 VDC)

The MSV-5 high-voltage DC power supply is new for 2009 and designed with portable electrospray deposition in mind. Permanently housed in its own robust Peli case, and a universal mains input it can be used almost anywhere. The MSV5 comes with a 2m cable to attach directly to the head of the UHV4 electrospray deposition system. Simply connect the mains and high voltage cables then set the dial to any voltage from 0 to +5 kV. For the majority of applications a positive voltage is desired, however the MSV5 is also available in a 2-channel version providing independent positive and negative outputs (both variable up to 5 kV) as an option.

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ELECTROSPRAY DEPOSITION SYSTEMS