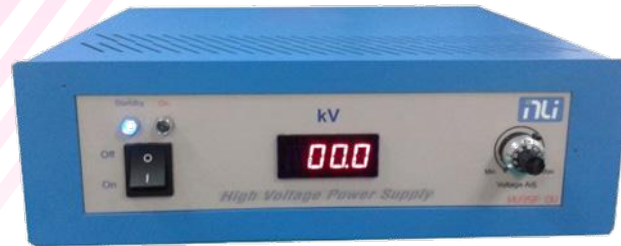




High Voltage Power Supply



PS-35PCL



PS-35PV

PS-35PV/PCL is a small, lightweight 35 kV high voltage power supply unit that has been optimized for electrospinning. It has all the safety features (CL model) such as arc detection, current limitation and earth detection. The analog control (V model) for setting electrospinning parameters with digital display ensures precise and stable voltage and current output are maintained throughout the electrospinning process.

Low cost, advanced safety features and high flexibility in research operation are some of the advantages of NLI high voltage units. These units are general purpose instruments designed for laboratory environments.

Available Series		
V	CL	CLU
PSX-PV	PSX-PCL	PSX-PCLU
PSX-NV	PSX-NCL	PSX-NCLU

Specifications*	
Input power	100-240VAC;50-60 Hz
Max. output voltage	35-100kV
Power	30 Watt
Ripple	Less than 0.1%
Stability	0.1% per hour after 1/2 hour warm-up
Efficiency	Typically 80% at full load
Operating temperature	-5 to +45 ° C
Voltage monitoring	Digital, Accuracy: 0.1 kV
Current monitoring	Digital, Accuracy: 1µA (CL & CLU)
Casing material	Metallic
Dimensions (LxWxH)	34 x 29 x 11 cm (V) 40 x 34 x 11 cm (CL&CLU)
Safety	All series: Safety switch CL&CLU series: Arc detection, Earth detection, Overcurrent protection
Weight	5 kg (V), 8kg (CL&CLU)

- X** : Maximum voltage=35-100
- V series** : Analog control with digital voltage display
- CL series** : digital with closed loop control
- CLU series** : digital with closed loop control and USB port for controlling by software

Nomenclature Example:

PS35-PCL: 35kV, Positive, CL series

PS40-NCLU: 40kV, Negative, CLU series

*Product specifications are subject to change without prior notice due to engineering innovations.



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