

Product Announcement!!

ESC-HV Electrostatic Chuck Power Supply

The ESC-HV, Comdel's latest electrostatic chuck power supply, can be configured to deliver from 5 to 10kV of power for reliable handling in large surface processes. Equipped with low stored energy and built-in current limiting, the ESC-HV will safeguard your process from surges and arcs. This user-friendly design contains parameter adjustments through variable controls, and is fully programmable to give the user maximum flexibility. Contained in a compact 3.5" x 9.5" x 12.5" chassis, weighing 2.5 lbs, the ESC-HV can be located in any convenient location and in any orientation. There are no special requirements needed for cooling and shielding.



Specifications:

Output type:	Bipolar (fixed)
Output voltage:	5, 6, 7, 8, 9 and 10KV units available. Intermediate voltages available, consult factory
Output current:	up to 5mA available depending on voltage
Output stability:	1% or better of output from 5% to full load
Output linearity:	Better than 2% full scale
Line input requirement:	Single 24VDC source @ 2A maximum
DC power input:	3-pin Molex type, non-reversible quick disconnect
DC output:	MHV connectors for HV+ and HV-
Remote interface:	25 pin d-type female (DB-25f)
Size:	3.5"H x 9.5"W x 12.5"D (9cm x 24cm x 31.8cm)
Weight:	2.5 lbs. (1.1 kg)

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