

Nex Flow® uses quality Power Supplies from High Voltage that have several unique features unavailable in competitive units.

High Voltage Power Supplies are:

- 1. **Repairable** - parts are replaceable
- 2. **Several versions** - units available with four outlets, two outlets, with or without function monitoring, and in 220V and 110V versions
- 3. **Patent Safety X-2000 Connection** - prevents accidental shocks when connecting or disconnecting a static eliminator to the power supply
- 4. **High Reliability and Life** - so reliable that we even offer a two year warranty on the power supplies

High Voltage Power Pack Transformers EN - C (2 outlet) and EN-C4 (4 outlet)

Static Control Power Supply EN-C type High Voltage Power Pack. The integrated high-voltage transformer covers applied mains voltage to approx. 7,000 to 8,000 volts. The unit is equipped with two or four high-voltage terminals and integrated on - off pilot lamp.

Transformers are equipped with a modular-type high-voltage transformer. It consists of three main modules, all of which can be replaced individually. This unit is electrically approved for North American installations.



S-Line power pack EN SL

The **S-Line power pack** comes with two high-voltage connections and meets both North American and European standards. The integrated high-voltage transformer covers applied mains voltage to approx. 7,000 to 8,000 volts. Integrated on - off pilot lamp.

S-Line power pack EN SL LC - Same as the SL, but with integrated full-electronic function monitoring to constantly monitor all functions of the ionizing system. It alerts the operator of any irregularities by causing the LED indicator integrated in the housing to flash

EN SL RLC - Identical in all technical aspects to the EN SL LC plus a signal socket above the earthing sleeve. A fault message can be connected to the signal socket.





MULTISTAT POWER SUPPLY



EN - 92 EX POWER SUPPLY

Power pack EN 92 Ex is suitable for direct use in areas with potentially explosive atmospheres (zones 1 or 2).

The units comply with the International ATEX directives. All high-voltage components are accommodated in a flameproof housing. The power pack **EN 92 Ex** is equipped with two high-voltage ports for the connection of the ionizing units. No long high-voltage cables are required, as the power pack can be installed in the immediate vicinity of the ionizing unit.

Multistat Power Supply

The **Multistat** power pack provides the optimum in power pack performance and monitoring. The **Multistat EX** is approved for explosion proof applications (but must be mounted outside the explosion proof area).

Special features and advantages

- ▶ Self-balancing high-voltage; no adjustment or settings on the Multistat are required
- ▶ Indication of the output high-voltage by means of an analogue indicating instrument
- ▶ Fault indication in case of insufficient output voltage by means of an optical signal (light-emitting diode - LED) and a floating change-over contact
- ▶ Fault indication in case of insufficient mains voltage by means of a floating change-over contact
- ▶ The floating change-over contact allow both status check and an error check to be performed
- ▶ The **Multistat** allows the integration of the fault signals into a quality assurance system
- ▶ The high-voltage plug-and-socket connector system **X-2000** ensures a secure connection.
- ▶ Four high-voltage terminals

Function Monitoring

For an ionization system to work efficiently, a voltage of at least 4.2 kV (Corona inception voltage) is required. By monitoring the electronic control of the output voltage, the high-voltage is continuously monitored; any drop below the corona inception voltage is signaled as malfunction. This fault signal may be linked with the machine control system or the production monitoring system using the socket connection integrated into the housing and a signaling cable.

POWER SUPPLIES

North American Approved	
PART NO.	DESCRIPTION
80111	High Voltage Model ENC-2, 110V, 2-outlet power supply
80112	High Voltage Model ENC 4, 110V, 4-outlet power supply
80121	High Voltage Model ENC-2, 220V, 2-outlet power supply
80122	High Voltage Model ENC 4, 220V, 4-outlet power supply

North American and European Approved	
PART NO.	DESCRIPTION
80321	S-Line EN-SL, 110V, 2-outlet power supply
80322	S-Line EN-SL, 220V, 2-outlet power supply
80421	S-Line EN SL LC, 110V, 2-outlet power supply
80422	S-Line EN SL LC, 220V, 2-outlet power supply
80221	High Voltage Multistat, 4-outlet, 110V power supply
80222	High Voltage Multistat, 4-outlet, 220V power supply

For Explosion Proof applications contact Factory or local Representative