The new ION POWER product line of Virtual AC Intelligent Static Neutralizers provide higher ion output and longer operating range. They offer the latest technological advances including CompactCom Fieldbus interface modules, 24VDC power, and digital communications to run multiple neutralizing stations from a single master controller module, as well as the familiar Virtual AC modular design for easy installation and setup.

The ION POWER Neutralizers deliver superior performance necessary to control static charges in many challenging applications, including winding and unwinding rolls of film and paper, handling plastic bags on automatic wicketers and PET bottles on palletizers.

**Virtual AC – The Next Generation**

**8100 Power Module**
- **HIGH VOLTAGE POWER SUPPLY**
- The 8100 POWER MODULE is a microprocessor-controlled solid-state high voltage power supply based on the patented Virtual AC technology. The 8100 contains circuitry for monitoring the neutralizing bars, malfunction sensing circuit, and serial communications with the 8200 MANAGER or 8300 COMMUNICATOR.

**8200 Manager**
- **MASTER CONTROLLER**
- The 8200 MANAGER module can control up to nine 8100 POWER MODULES in a multi-station system and display the performance and diagnostic parameters for each individual station.

**8300 Communicator**
- **FIELDBUS INTERFACE**
- The 8300 COMMUNICATOR communicates with a PLC or host computer over one of several fieldbuses. Different fieldbus-specific Anybus-CompactCom interface modules can be installed.
Virtual AC Static Neutralizers are modular systems. Their components can be connected in various configurations to suit specific applications and material dimensions. The “building blocks” of the ION POWER Static Neutralizers include:

1 – 8001iP static neutralizing bar with back mounts
2 – 8001iP static neutralizing bar with end mounts
3 – 8001KDT static neutralizing bar
4 – 8100 POWER MODULE high voltage power supply
5 – 8300 COMMUNICATOR for panel mount
6 – 8300 COMMUNICATOR for DIN rail mount
7 – Virtual AC high voltage Power Strip
8 – 8154 POWER MODULE IP54-rated high voltage power supply
9 – 8310 CONNECTOR serial switch
10 – 8200 MANAGER master controller

Virtual AC ION POWER Intelligent Static Neutralizers feature:

- Superior neutralizing performance at long range and high material speed
- Patented system diagnostics and performance verification
- Easy integration with automation equipment and machinery
- Modular design and quick-disconnects

ION POWER MASTER CONTROLLER SYSTEM

Each individual station in the master controller system consists of an 8100 POWER MODULE and 8310 CONNECTOR module connected to the 8200 MANAGER. A single 8200 MANAGER is capable of monitoring and controlling up to nine stations in a Master-Slave network.

ION POWER FIELDBUS SYSTEM

Each individual ION POWER Fieldbus system consists of the 8100 POWER MODULE and 8300 COMMUNICATOR for connecting to industrial networks.