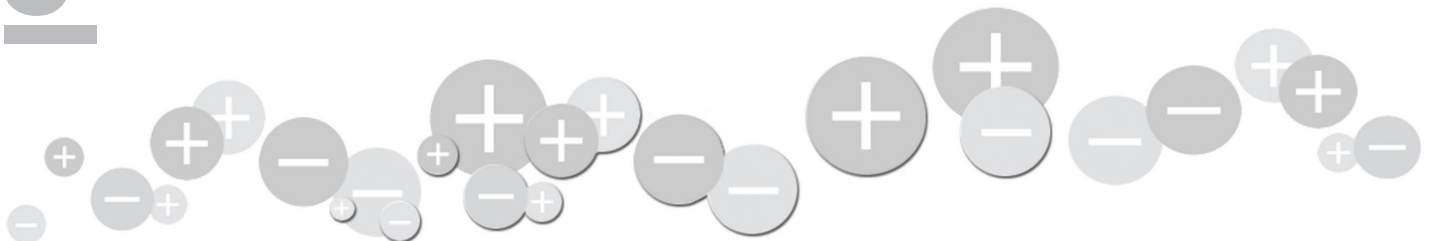# IQ Easy

STATIC NEUTRALIZING BAR

The innovative IQ Easy static neutralizing bar offers superior performance in a space saving design with an integrated high voltage power supply.

- 24 VDC low voltage input from your machine or Adapter Kit
- Two LEDs and status indicators
- Designed for rugged industrial use and easy cleaning
- IP66 rated for protection against particulate and splash in areas prone to spray
- Shockless long-life emitter points
- Air Assist option
- IQ Power System compatible for remote monitoring intelligence

The IQ Easy static neutralizing bar has a built-in power supply and requires only a low voltage input of 24 VDC.

Two LEDs located on the end of the bar indicate status. The green LED indicates when the bar is in operation and the red LED indicates internal fault conditions.
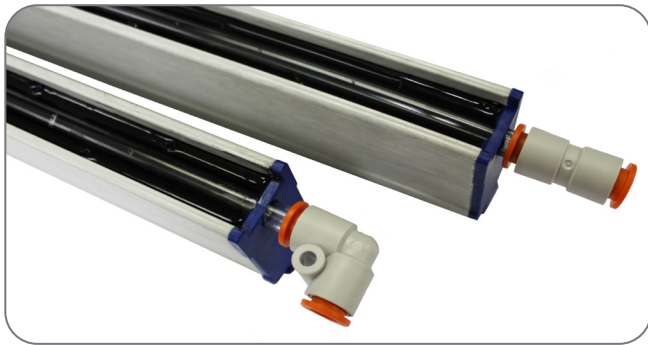
Universal mounting brackets are supplied for various mounting options. IQ Easy bars are available in two variations:

- **Speed** – Recommended for most applications including high speed webs. Working distance up to 9" away.
- **Hybrid** – Recommended for applications where greater distances are required and lesser web speeds are used. Working distance up to 18" away.

IQ Easy Air Assist Static Neutralizing Bar

The IQ Easy Air Assist bar is designed to improve discharge performance at a longer range of distances by moving ions to the target with a precise airstream.

A shatterproof air tube runs the length of the bar between a high density of long-life tungsten emitters. Small perforations in the tube release jets of air, picking up ions produced by both polarities.

Specifications

Input Power	AC Power Supply Adapter Kit: 120/230 VAC with straight or right angle connector
Output Power	Integrated, 24 VDC voltage input (750 mA max)
Operating Distance	Speed bar: 2-9" (50-225 mm) Hybrid bar: 6-18" (150-450 mm)
Temperature	IQ Easy: 0-131°F (0-55°C) IQ Easy Air Assist: 0-104°F (40°C)
Air Assist Connection	5/16" (8 mm) OD tubing, quick disconnect
Air Assist Gas	Clean, dry, oil-free compressed air or nitrogen, 100 psi [690 kPa] max
Air Assist Consumption	Airflow [scfm] = length [inches] x (pressure [psi] x 0.003 + 0.038)
Air Assist Materials	Tube, polycarbonate; fitting, polybutylene
Cable/Connector	Additional cables required for connecting into the IQ Power Control Station
Enclosure	Fiber-reinforced polyester
Dimensions	Speed bar: 10.8-156.9"L (275-3984 mm) Hybrid bar: 15.1-149.8"L (384-3804 mm)
Weight	0.1 lb/in (1.8 g/mm)
Certification	IQ Easy: CE/IP-66, ETL IQ Easy Air Assist: CE/IP-66

IQ Power Static Neutralizing System

The IQ Easy static neutralizing bar can be connected to the IQ Power Control Station and Sensor bar for ultimate monitoring intelligence. The IQ Power system connects up to 10 neutralizing devices. Smart addressing technology and flexible mounting options make this system and its components easy to add to any existing application. The system leverages multiple patents including our exclusive closed-loop and auto tune output modes, user controlled alarms, and customizable data logging.

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