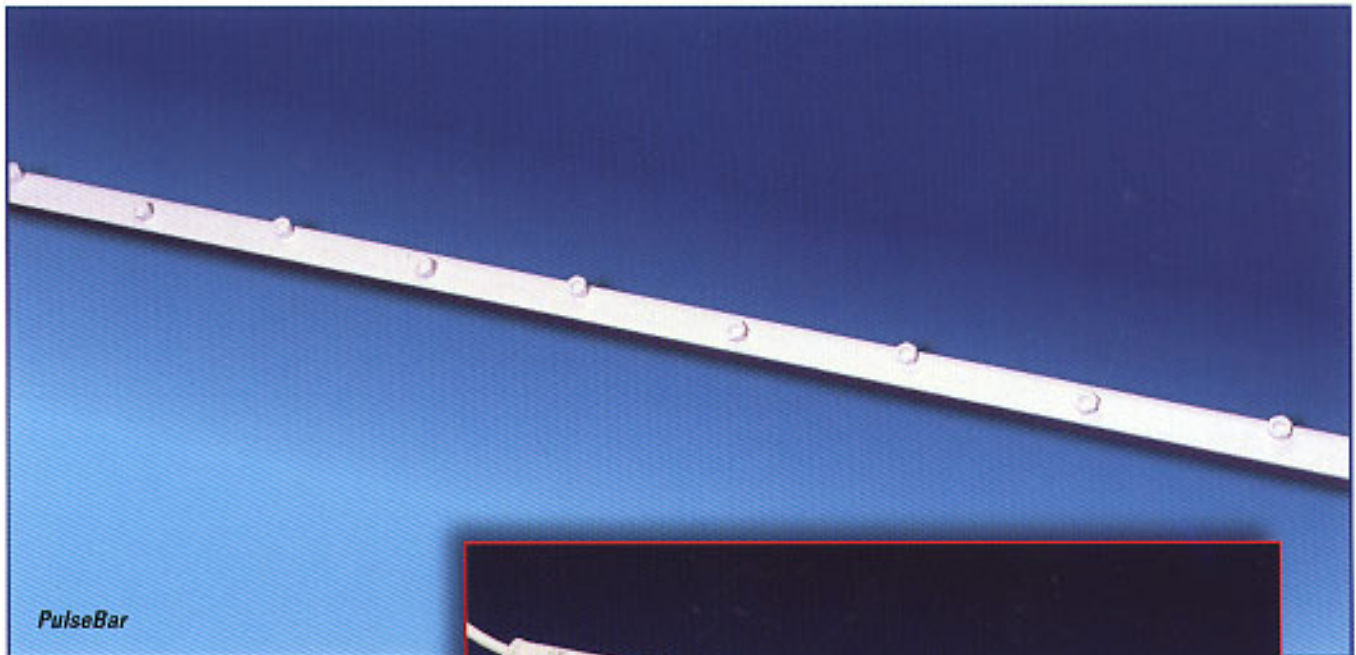


## **PulseBar<sup>®</sup>** **Static Neutralization Bars**



PulseBar

### **PulseBar**

*PulseBar<sup>®</sup> eliminates troublesome static charges that can cause dust and other contaminants to accumulate on surfaces and finished products.*

*With its slimline design and powered by the PulseFlow<sup>®</sup> Controller, the PulseBar can be installed on any type of equipment. It is easily maintained with replacement electrodes. PulseBars are available in standard lengths from 12 to 96 inches. Special lengths are also available.*

### **Air Assist PulseBar**

*The Air Assist PulseBar<sup>®</sup> is ideal for neutralizing static charges in restricted spaces. The bar can be mounted 2 to 3 feet from the target area and is available in standard lengths from 12 to 96 inches. Special lengths are also available.*



Air Assist PulseBar

*Powered by the PulseFlow Controller, the Air Assist PulseBar connects to compressed air lines. The flow of air over the electrodes carries the ionization to the surface that is to be neutralized.*

#### **Features**

- Quickly reduces static charges
- Easy electrode replacement
- Slim design

#### **Typical Applications**

- Medical parts assembly
- Clean benches
- Electronics assembly

#### **Benefits**

- Minimizes attraction of contaminants
- Simplifies maintenance
- Mounts easily in restricted space

# PulseBar® Static Neutralization Bars

## Specifications

### Size

*PulseBar and Air Assist PulseBar*

0.95" x 1.2" x length  
(2.4 cm x 3.0 cm x length)

Standard lengths from 12 to 96 inches. Special lengths also available.

*Cable Length* 7 feet

*Air Supply* 100 psi Maximum, clean dry air (Air Assist PulseBar only)

*Emitter* Tungsten

*Material* ABS plastic/anodized aluminum

*Operating Temperature Range*  
24° to 158° F (-10° to 70° C)

## PFC PulseFlow® Controller

*The PulseFlow® Controller operates with the PulseBar® and can power up to 20 electrode pairs, which offers flexibility in electrode spacing.*

*The PulseFlow Controller's design incorporates both Pulse and Steady State DC technologies to control performance. Controls are on the front panel for easy access and mounting. It includes independent voltage level controls and four different pulse rates.*

*Output Voltage*  
2.0 kV to 7.5 kV

*Input Voltage*  
100 to 120 VAC/200 to 240 VAC,  
50/60 Hz, as required

*Output Current Range*  
0.3 – 0.7 mA DC

*Operating Temperature Range*  
24° to 158° F (-10° to 70° C)

*Dimensions*  
5.75" x 5" x 1.65"  
(15 cm x 13 cm x 4 cm)

*Weight* 20.6 oz. (0.6kg)

*Fuse* Two 80 mA (5 x 20 mm)

*EMI Spec*

*Power Terminal:*  
Meets FC 15J.MP-4 class B ITE  
Standard (VDE 0871 103.78)

*Radiation:*  
Meets FCC part 15J. MP-4 at 3 meters



*Line Cord*  
3 wire UL Listed

*Ozone*  
< 0.01 ppm

*Color*  
White



## Static Control and Cleanroom Products

### SIMCO

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YOUR LOCAL REPRESENTATIVE

