

# CLEANROOM PULSED DC IONIZERS

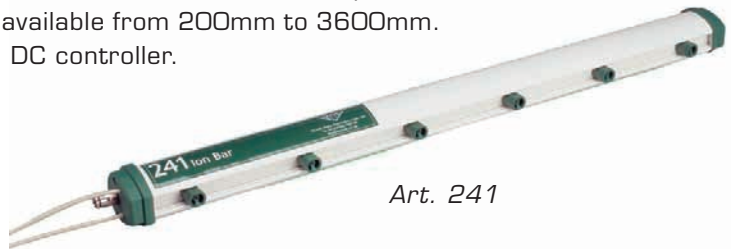
## SERIE A 200

The A200 serie includes cleanroom ionizers working with PULSED DC system the A233 power supply regulates the pulse frequency optimizing the ion output, and minimizing re-combination. Highest efficiency and total flexibility for cleanroom applications and ESD protection.

### CLEANROOM ION BARS - NO AIR

#### Art. A 241

Cleanroom ion bars are aerodynamically designed to maximise performance and minimise interference with your environment. All bars are fitted with interconnecting sockets as standard for multiple bar installation (daisy chain). Lengths available from 200mm to 3600mm. Need A 233 power supply Pulsed DC controller.



Art. 241

### CLEANROOM ION GUN

#### Art. A 251

Ion gun is a sturdy, lightweight injection moulded product. Easy to use with a light trigger action controlling both airflow and high voltage supply. Lowest noise levels. Weight: only 160 gr; effective range 600mm. Low air consumption, high blow-off force. Need A 233 power supply Pulsed DC controller.



Art. 251

### SINGLE ION NOZZLES

Small lightweight, provide ionized compressed air-blow where specifically needed. Need A233 power supply Pulsed DC controller.

**A 261** Designed to be strategically placed in specific tiny places where the charge-up source is located

**A 271-2-3** Hands-free bench compressed air, with adjustable arm and foot pedal. Designed for hands free compressed air-cleaning and charges elimination



Art. 261

Art. 271-2-3

### PULSED DC ION CONTROLLER POWER SUPPLY

#### Art. A 233

The "heart" of the 200 serie, controls the periodic DC PULSE of ion bars, ion guns and ion nozzles. Allows frequency adjustment (slower pulse for greater distance) and ion balance (faster and effective action) in order to tune the ionizer to the specific environment.



Art. 233

# ION BLOWERS & GUNS

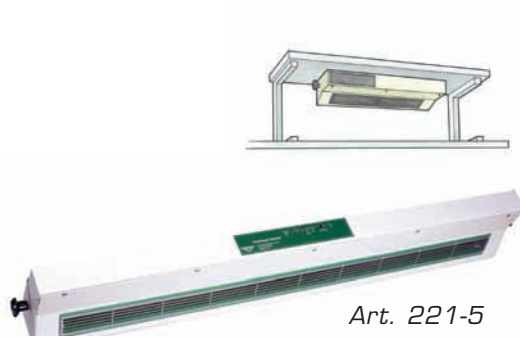
## UNDERSHELF ION BLOWERS

**Art. A221** Standard

**Art. A225** Electronic self-balancing remote controls (RJ11) and auto shut-down

Designed to be installed under the shelf, blow air (3 speeds) at 30" not to disturb operator. 230-110V power supply included.

Both models available at 600, 1000, 1200mm length



Art. 221-5

## LARGE BENCH AND WALL-MOUNT ION BLOWER

**Art. VSE 3000**

Bench ionizer designed to neutralize the static charges in a ESD protected area. VSE 3000 generates an adjustable flow of ionized air covering a large area (60° around the axe!) of the workstation and neutralizing both conductive and insulating surfaces.

- patented self balancing system (0°5V)
- meets IEC 61340-5-1, EOS/ESD S 3.1 and U.L.requirements
- dim.: 254x305x159 mm.
- weight 3.6 Kg.



Art. VSE 3000

## COMPACT BENCH ION BLOWER

**Art. A 212**

Compact bench ionizer, designed to protect work Surfaces from static charges accumulations. High power output, self balanced, Steady State DC circuitry. Dimensions: 160x160x95mm Weight: 460g

Static decay: 1000 to 100V <2.5sec at 305mm

Balance: + - 10V or better



Art. A 212

## SILENCER

**Art. SILENCER CP-1**

**Art. CEL 6 SC - Power supply**

Lightweight gun designed to eliminate statics into industrial environments. Strong construction for harsh environments. The power supply stands for 4 guns at the same time. Uses CEL 6 SC Power Supply (can supply 4 guns)



Art. CP-1



Art. CEL 6 SC alimentatore

## ION HEAD NOZZLE- 4-POINTS

**Art. HEAD BD-PH**

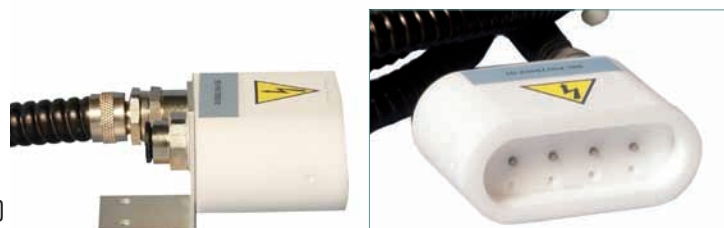
4-electrodes ion nozzle provides efficient airflow and may be located into strategic places where t source of the static charge is located.

**Dimensions:** 75x30x45mm

**Ionization area:** 90x50mm

**Ideal distance:** 400mm

Uses CEL6 SC Power Supply (can supply 4 heads)



Art. BD-PH