Technical Information and Specification

Contamination Control

Eliminostat DC-ESR-C

Static Bar w/ Integral Power Supply!!

• Laminar Flow Benches • Clean Optics • Clean Electronic Assemblies • Clean Medical Assemblies

The DC-ESR-C is an ionizing bar that uses the corona discharge method to generate air ions. Air containing positive and negative ions effectively neutralizes static charges on an object. With its low dust-emission design, this device is suitable for controlling static on workstations and inside of laminar flow hoods. Since a small DC power supply is incorporated inside the bar, the device does not use a high-voltage cable. The safety design uses low-voltage wiring, unlike competitive products that require an external power supply and cables.

Features:

- The DC corona discharge ion emission ensures high ion density & excellent ion balance
- Designed to ionize a local area without disrupting laminar air flow
- Single tungsten emitter points (optional crystal silicon emitter tip available upon request)
- Ideal in 12-30" distance applications with laminar air flow
- Low dust emission
- Available in lengths: (600mm, 800, 1000, 1118mm, 1200, 1400, 1626, 1800mm)
- Ion balance adjustment function provided (small screwdriver required)
- Green LED power button to show bar is "on" and in working condition
- Connectors provided at both ends of the bar to enable multiple devices to be daisy chained in series
- AC adapter required and sold separately:
    - AD-02 adapter: powers up to 2 ESR-C bars
    - AD-06 adapter: powers up to 6 ESR-C bars

ESR-C Specifications	
Model:	DC-ESR-C
Input Voltage:	24VDC (ac adapter supplied; 100-240 VAC)
Dimensions:	1.25"W x 2"H x lengths mentioned above
Weight:	0.52 lbs (when L = 600mm bar)
Discharge time:	2.1 sec @ 12" distance (decay from 1000 to 100V)
Temperature:	32-122° F
Emitter material:	Tungsten (silicon tips available upon request)

Serial Connector

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