

ALTERNATIVE Model 2200

Hybrid Room Ionization System



FEATURES

- Symmetrical Dual Bar System
- Synchronized Ion Emission
- High Ion Output
- Microprocessor Control
- 3 Digit LED Display
- Audio & Visual LED Alarms
- IR Remote Controller

BENEFITS

- Extreme Large Space Coverage
- Fast Discharge Time
- Highly Reliable Quality
- Output Parameter Display
- Daisy-Chained Operation

APPLICATIONS

Core Insight's Hybrid Room Ionization System Model 2200 is dual bar symmetrical operating system provides very high dense of ions for contamination and ESD control in flat panel display environments. High ion output current results in fast discharge time and significant reduction of particle contamination in process. Digital control system enables accurate adjustment of output parameters and feedback monitoring capability.

Model 2200 Room Ionization System is specially suited for panel transportation and stage areas. Users can accurately set up output parameters such as voltage and operating time through a remote controller. With LED display and output audio alarms, users can identify failure status.

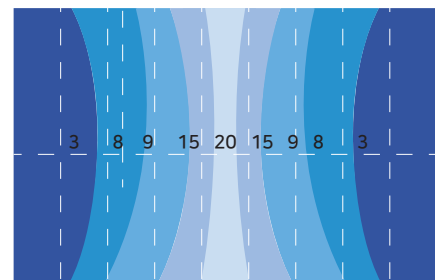
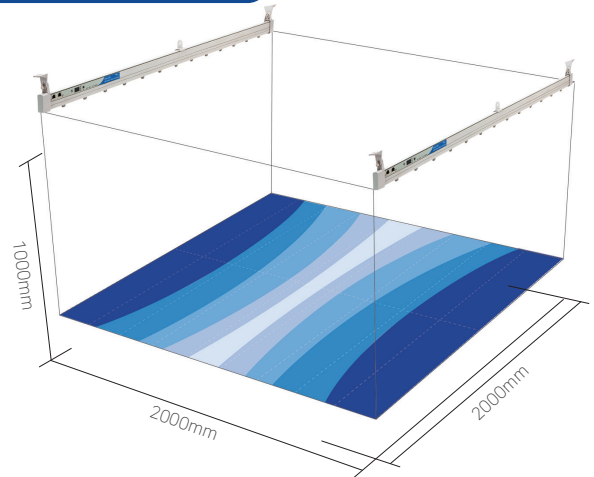
Model 2200 Hybrid Room Ionization System



Specifications

| | |
|-----------------------|---|
| Input Voltage | 24 VDC, 5.7 W Max. |
| Output Voltage | 14 kV DC, 100 V resolution adjustment |
| Ion Emission | Pulsed DC Technology |
| Display | 3 digit LED display |
| Control | Voltage, On time and Off time are adjusted by Model 5711R |
| Timing | ON Time: 0.1 - 99.9 sec / 0.1 sec resolution adjustment for each polarity |
| Connectors | RJ-45 modular terminal |
| Emitter Points | Single Crystal Silicon Emitter Point Tungsten 99.99%. All emitter points are replaceable |
| Alarm | Visual & Audio alarm operates voltage feedback monitoring, power, and sync failures |
| Monitoring | Relay Output |
| Operation Modes | Pulsed DC and individual ON/OFF control |
| Operating Environment | Temperature: 15 - 35 °C, nominal Humidity: 20 - 60% RH, non-condensing |
| Material | ABS plastic, Polycarbonate |
| Dimensions (mm) | 124H x 50D x 800, 1000, 1200, 1400, 1600, 1800 and 2000L |
| Warranty | 1 year limited warranty |
| Certification | |

Decay Time Performance

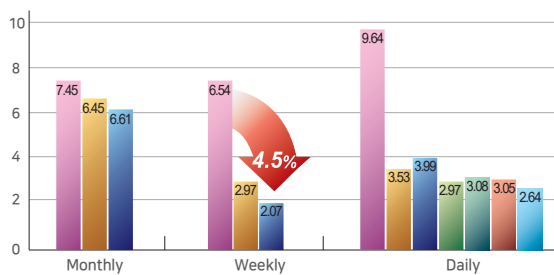


ANSI/ESD SP3.5 - Alternative Room Ionization Test Method
Measurement unit - second

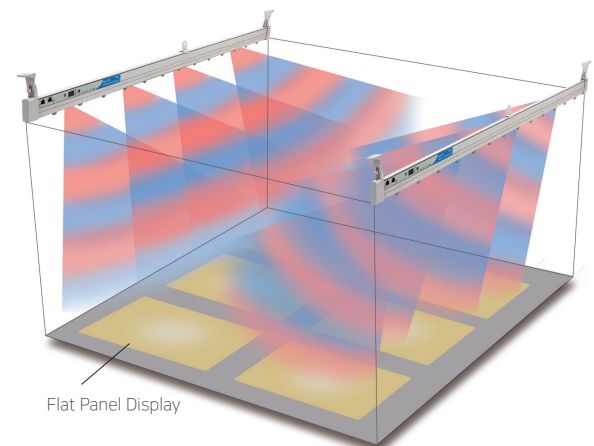
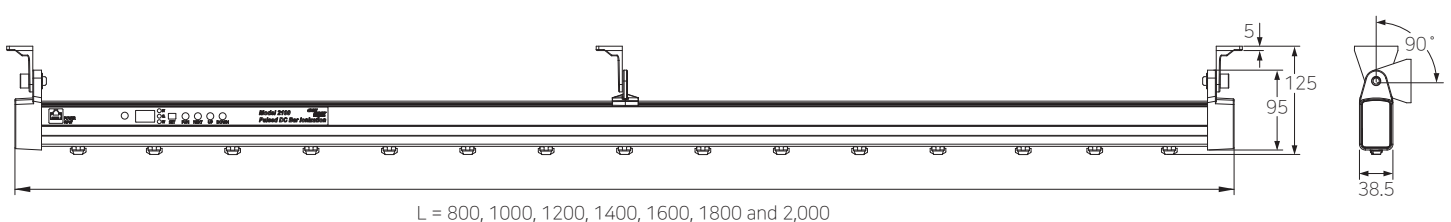
Related Products

| | |
|-----------------|--------------------------------------|
| Model 5100D | DC Adapter for Model 2200 |
| Model 5220ES | Single Crystal Silicon Emitter Point |
| Model 5720EP | Tungsten Emitter Point |
| Model 5711R | Remote Controller |
| Model 2200-xxxx | xxxx mm length of Model 2200 |

Rods Lengths (mm)



Size & Dimensions (mm)



Flat Panel Display