

Model 2K10

ALTERNATIVE Room Ionization AirStat Technology

FEATURES

- Symmetrical Dual Bar System
- Synchronized Ion Emission
- High Ion Output
- Microprocessor Control
- LED Display
- Audio & Visual LED Alarms

BENEFITS

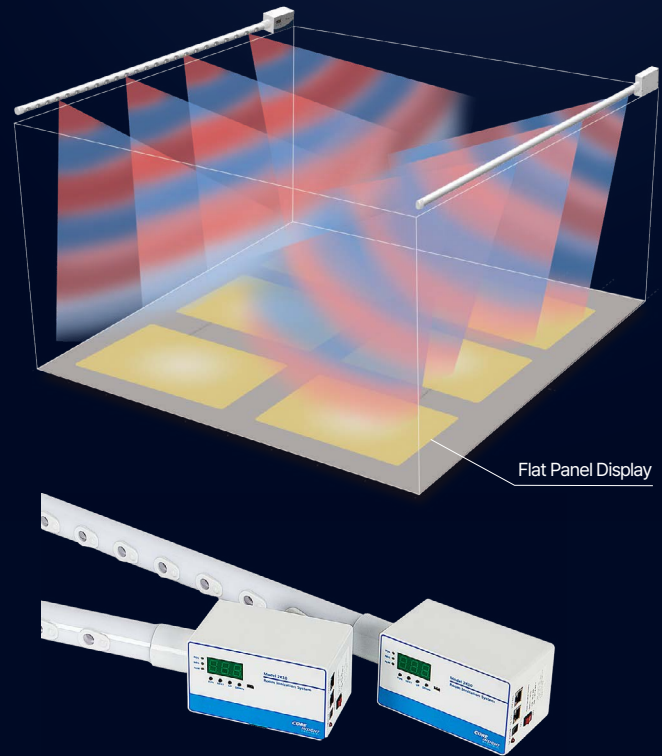
- Extremely Large Space Coverage
- Fast Discharge Time
- Output Parameter Display
- Daisy-Chain Operation
- Highly Reliable Performance

APPLICATIONS

Core Insight's Model 2K10 AirStat Alternative Room Ionization System features a dual-bar symmetric design that provides a high density of ions for effective contamination and ESD control in flat panel display (FPD) environments.

Its high ion output enables rapid charge dissipation and helps significantly reduce particle contamination during the process. The digital control system allows precise adjustment of output parameters and supports real-time monitoring.

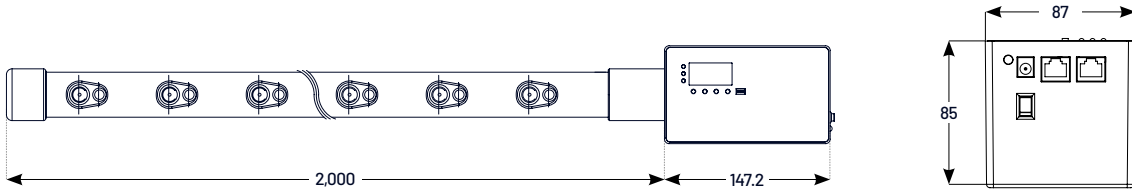
The Model 2K10 is particularly suitable for panel transportation and staging areas. Users can easily configure output parameters such as voltage and operating time via a remote controller. With an LED display and audio alarms, system status and failures can be quickly identified.



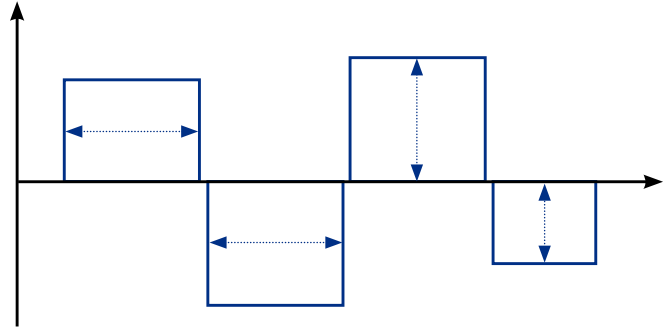
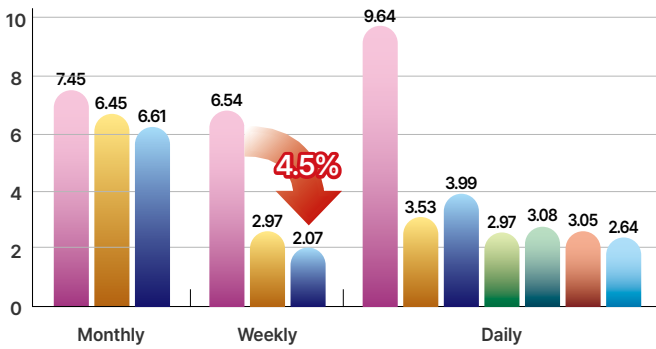
SPECIFICATIONS

Input Voltage	24 VAC, 5.7 W Max	Alarm	LED alarm operates voltage feedback monitoring, power, and sync failures
Output Voltage	±13 kV DC, 100 V resolution adjustment	Monitoring	Relay Output
Ion Emission	Pulsed DC Technology	Operation Modes	Pulsed DC and individual ON/OFF control
Display	3 digit LED display	Operating Environment	Temperature: 15 - 35 °C, nominal Humidity: 20 - 60% RH, non-condensing
Control	Output parameters such as Voltage and On & Off times are adjustable by front panel of master unit	Material	Enclosure : ABS plastic
Timing	On Time: 0.1 - 99.9 sec / 0.1 sec resolution adjustment for each polarity	Dimensions	86 H x 85 D x 1000, 1500, 1700 and 2000 L mm
Connectors	RJ-45 Terminal	Warranty	1 year limited warranty
Emitter Points	Tungsten 99.99% All emitter points are replaceable	Certification	CE RoHS

SIZE & DIMENSIONS (mm)

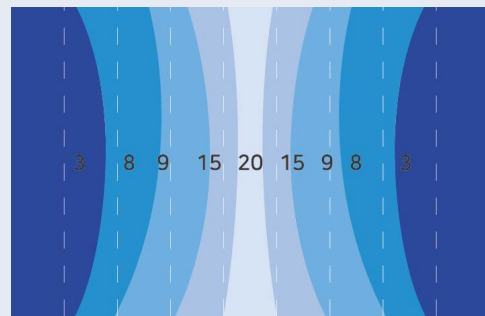
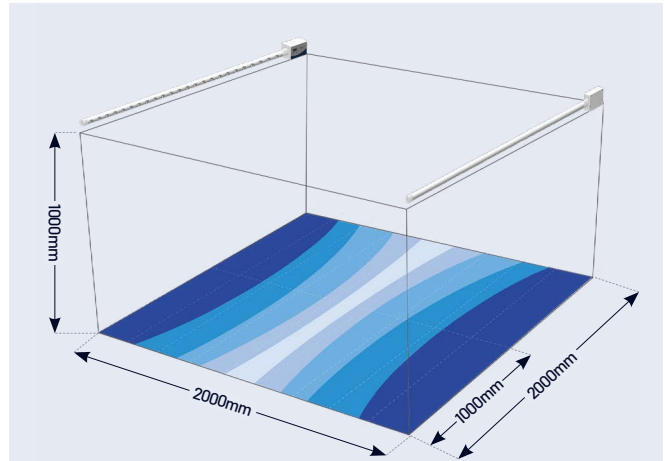


YIELD IMPROVEMENT



RELATED PRODUCTS

Model 5100D	DC Adapter for Model 2K10
Model 5720EP	Tungsten Emitter Point
Model 2K10-xxxx	xxxx mm length of Model 2K10



Test conducted by ANSI/ESD SP3.5 Alternative Room Ionization Test Methods

