

# Model 470

## CoreStat® Self-Balanced Gun Ionizer



### FEATURES

- CoreStat® Self-Balanced Technology
- Steady-State DC Ion Emission
- Versatile Application
- Low Balance
- Alarm for HV Power Fail

### BENEFITS

- No Calibration Required
- Audio & Visual LED Alarms
- Particle Contamination Cleaning

### APPLICATIONS

Electrostatic force is a typical source of micro particle contamination in printed circuit board handling and general electronics industry. It is very hard to remove particle once they attracted on the charged surface of materials. Charge neutralization is important for remove particles from the surface.

CoreStat® self-balanced technology, Model 470 gun ionizer is designed all-in-one for general cleaning applications. Strong ionized air force is effective for removing particles attracted objects. Model 470 gun ionizer does not required regular based calibration due to intrinsically maintain low offset voltage within a designed specification. Visual (LED) and audible (buzzer) alarms operates when high voltage power supply fail.

# Model 470 CoreStat® Self-Balanced Gun Ionizer

## Specifications

Input Voltage	24 VDC, 2 W Max.
Ion Emission	Steady-state DC Technology
Ion Balance	Less than ±15 V peak
Discharge Time	±1000 V to ±100 V less than 1 sec (15cm)
Emitter Point	Tungsten 99,99%
Alarm	Visual & Audio alarm operates when ionizer can not maintain power failures.
Air Pressure	0.1 - 0.5 Mpa
Air Inlet	6mm Inlet
Operating Environment	Temperature: 15 - 35°C Humidity: 35 - 75 % RH
Material	Enclosure: ABS plastic Nozzle: Teflon
Dimensions (mm)	154W x 162H x 3D
Weight	215g
Warranty	1 year limited warranty
Certification	CE 



- Ergonomic Designs
- HV Power Fail Alarm
- Easy Access for Manual Cleaning

## Selection

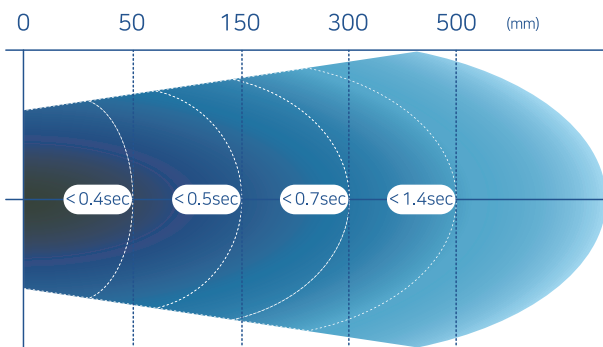
Model 472A	Cleanroom Application Available to Adjust Air Pressure & Volume (Model 472C)
Model 470	Versatile Application



## Related Products

Model 5360EP	Tungsten (99,99%) Emitter
Model 5147D	DC Adapter

## Discharge Time



Discharge time and balance measured according to ANSI/ESD STM3.1 using a Charge Plate Monitor (CPM)

## Size & Dimensions (mm)

