

Enhanced

Model 360S

CoreStat Self-Balanced Air Ionizing Blower



FEATURES

- Steady-State DC Ion Emission
- Very Low Peak Offset Voltage
- ONE-Touch Auto-Cleaning
- Ion Balance & Failure Alarms
- Facility Monitoring System (FMS)

BENEFITS

- No Calibration Required
- Transient Noise Free
- Easy Replacement of Emitter Points
- In-Tool Application
- Plug & Play

APPLICATIONS

CoreStat Steady-State DC Technology Blower Ionizer, Model 360S has designed to maintain at low peak offset voltages and fast discharge capability application for ESD sensitive device assembly process for Semiconductor and PCB assembly line.

Model 360S is designed with CoreStat Self-Balanced Technology to maintain low offset voltage with no induction fields that can cause ESD damage from AC ionizers. CoreStat technology does not requires grounding and its compact size allows it to be installed inside the process equipment and effective ESD control within the confined space of process equipment. CoreStat self-balanced technology is simply plug & play and no adjustment or no calibraton required.

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Model 360S CoreStat™ Self-Balanced Air Ionizing Blower

제품 사양

Input Voltage	24 VDC, 4.8 W Max
Ion Emission	Steady-state DC Technology
Ion Balance	< ±10V
Discharge Time	±1000 V to ±100 V less than 5 sec (30cm) ±1000 V to ±100 V less than 10 sec (60cm)
Air Flow	34 CFM
Alarm	Visual & Audio alarm operates when ionizer is can not maintain balance limit and for power failures
Monitoring	FMS Interface
Operating Environment	Temperature : 15 - 35°C Humidity : 35 - 75 % RH
Material	Enclosure & Filter Cover: ABS plastic Bracket: Aluminum
Dimensions (mm)	80W x 110H x 64D (without bracket) 105W x 120H x 64D (with bracket)
Weight	340g (with bracket)
Warranty	2 year limited warranty
Certification	CE RoHS UL LISTED



- Ion balance and power failure alarm
- Automatic cleaning brush for discharge needles & one-touch button
- Convenient rear cover manual opening/closing
- New RJ-45 monitoring input/output terminal

선택 사양

Model 360E	Built-in One touch Auto Cleaning Button & Emitter Point Auto Clean brush
Model 360A	No Auto Cleaning option

관련 제품

Model 5360EP	Tungsten (99.99%) Emitter
Model 5360GF	Rear Panel Filter Grille
Model 5360AC	Auto-Cleaning Brush
Model 5820	Intergrated Monitoring & Controlling System (Up to 20 units)

모니터링을 위한 출력 신호

Status	Visual	Audio
Normal Operation	Green	Inactivate
HV Power Fail	RED	Continuous Sound
Balance Fail	RED	Beeping Sound

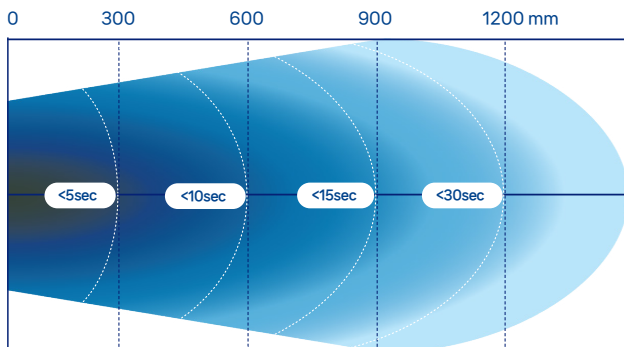
Condition	Pin 2 / 4	Pin 6 / 8	Pin 7
Normal	Open	Open	High
HV Power Alarm	Open	Closed	High
Balance Alarm	Closed	Open	High
Port Alarm (with Model 5820)	Open	Open	Low



Model 5820 Ionizer Monitoring System

- Balance & HV Power Failure Alarm
- Port Detection
- 24 VDC Distribution Up to 20 units
- All 20 Ionizers Auto-Cleaning at Once

Discharge Time



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

Size & Dimensions (mm)

