

The Digital Platform with iCON Technology

Model 5580 Controller

With the Model 5580 controller, the user now has individual emitter control and is able to manage all the operating parameters of every emitter in the ionization systems, including: address of the ceiling emitter, timing and sync, and ion output.



The Model 5580 controller with iCON technology supports up to 80 Model 5511 ceiling emitters and can adjust ON and OFF parameters for up to 10 seconds for sequenced bipolar operation. Timing and output can be programmed through the hand-held 5571 terminal for each individual emitter. Power and emitter status can be monitored by either the controller or the 5571 handheld terminal.

The Model 5580 controller has the above capabilities, and also includes an alarm that alerts the user of any emitter failure and other programmable non-standard conditions, such as system notification for maintenance. The Model 5580 is compatible with software packages that allow the Model 5511 ceiling emitter to communicate with facilities monitoring systems (FMS).

5580 Controller

Specifications

Power	10 watts + 1 watt per emitter
Input	100/115/250 VAC \pm 10%, 50 or 60 Hz voltage-selectable and fuse-protected
Output	24 VAC
Output Signal	RS485 link to addressable 5511 emitters
Capacity	80 emitters
User Interface	On-board LCD, six keys for limited access to operating variables; 5571 handheld terminal for full access; Second multidrop RS485 channel for communication to host PC, FMS system, eDiagnostics; Relay or 4-20 mA outputs for remote alarm notification
Indicators	Green LED for power ON; red LED for alarm, audible beep to indicate alarm and/or other conditions
Dimensions	4.37"W x 6.20"H x 13.2"L (11.10 x 15.75 x 33.53 cm)
Weight	7 lbs. (3.18 kg)
Warranty	2-year limited warranty
Certifications	UL; CE; GS, (TUV), SEMI F47

Model 5520 Controller

The Model 5520 controller with iCON technology supports up to 20 Model 5511 emitters for smaller applications. Ion emission output timing can be adjusted for up to 10 seconds. The Model 5520 also includes all the monitoring, alarm, and control features of the Model 5580 controller.



5520 Controller

Specifications

Power	4 watts + 1 watt per emitter
Input	100/115/230 VAC \pm 1/10%, 50/60 Hz, voltage-selectable and fuse-protected
Output Voltage	24 VAC
Output Signal	RS485 link to addressable 5511 emitters
Capacity	20 emitters
User Interface	On-board LCD, six keys for limited access to operating variables; 5571 handheld terminal for full access; Second multidrop RS485 channel for communication to host PC, FMS system, eDiagnostics; Relay or 4-20 mA outputs for remote alarm notification
Indicators	Green LED for power ON; red LED for alarm, audible beep to indicate alarm and/or other conditions
Dimensions	2.76" x 2.96" x 12.42" (7.01 x 7.52 x 31.55 cm)
Weight	3.5 lbs. (1.59 kg)
Warranty	2-year limited warranty
Certifications	UL; CE; GS; (TUV), SEMI F47

5501 RS485 Repeater

Input	24VAC at 8mA from 5580/5520 Controller
Data I/O	Buffered bi-directional transfer of data between 2 x RS485 channels
Dimensions	0.75"H x 1.62"W x 2.25"L (1.90 x 4.13 x 5.71 cm)
Weight	1 oz. (29.17 g)
Certifications	UL; CE; GS; (TUV)

5571 Input Module

Controls	Hand-held terminal to control 5580 controller
Keypad	30-key membrane
Display	3x20-character LCD



invisible problems
visible results

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