

minIONTM2

Ionizing Air Blower

The minION2 product has been designed to control electrostatic charges in sensitive electronics assembly and automated tool applications requiring stable operation with fast discharge time performance. The minION2 is built to deliver big performance and reliability in a compact package with a practical feature set.

A combination of unique, patented features incorporated in this product make it possible for minION2 to deliver industry-leading performance. Simco steady-state DC corona ion technology provides patented control circuitry or DOCCTM technology to deliver consistent performance. Performance is enhanced by use of patented radial ion emitter design. Our unique geometry and airflow control provide performance meeting the demands of electronics and critical assembly manufacturers with corona ion technology.

MinION2 uses a modular wiring system that allows power delivery by "daisy chaining" up to 3 units on one standard, modular

- ▶ **Compact Design**
- ▶ **Self-balancing DOCCTM Technology**
- ▶ **Radial Emitter Design**
- ▶ **24VDC Input**

minIONTM2



Manufactured under US patent numbers: 5,008,594; 6,717,792 B2; 6,785,114; 7,045,130 and International Patents, and patents pending.

power supply. Hard wiring of power can be accommodated by use of a terminal block located on the back of the unit. The terminal block also features a relay contact output of the fault signal to enable remote monitoring.

Optional clamp-on spring arm stand is available for applications requiring an elevated position or to save work surface space.

SIMCO[®]
An Illinois Tool Works Company

Ionization for Electronics Manufacture

Specifications:

Performance*

Discharge Time: 2.0 seconds; (center position, high fan speed)

Offset Voltage: $0 \pm 10V$

Operational Specifications

Ion Balance: Auto-adjust DOCC technology

Input Power: 24VDC, 250mA, 6W

Operating Temp: $0^{\circ}C$ ($32^{\circ}F$) to $50^{\circ}C$ ($32^{\circ}F$ to $122^{\circ}F$)

Audible noise: 52dB (A) Max.

minION™2
with adapter



Mechanical Specifications

Emitters: 6 - Stainless Steel

OFF/ON: Two position switch.

Fan Speed: Recessed potentiometer.

Indicator: Green-power; Red-fault

Connectors: Two RJ-11/power; Plug type terminal block/ power and fault signal

Dimensions: 98 x 136 x 60mm (3 7/8 x 5 3/8 x 2 3/8 inches)

Weight: 0.5 kg (1.1lb.)

Color: White

Part Numbers	
Description	Part Number
MinION2 (no DC power supply)	4011424
MinION2 with 100/120VAC to 24VDC power supply	4011425
MinION2 with 230VAC to 24VDC Continental Europe power supply	4011426
MinION2 with 230VAC to 24VDC UK power supply	4011427
Modular cable, 4P4C, 1 meter (3 feet)	4520764
Modular cable, 4P4C, 2 meter (6 feet)	4520767
Articulated arm kit	5051141

*Tested in accordance with ANSI ESD-STM3.1-2000, IONIZATION

In Ionization technology, SIMCO® clearly has the leadership role. Our research and manufacturing facilities are worldwide... our technical expertise is second to none...and our products simply inspire the competition. For a no-hassle assessment and quote call 800-538-0750 (in USA) or log on to www.simcolON.biz.



SIMCO® Ionization for Electronics Manufacture 2257 North Penn Road Hatfield, PA 19440 USA
In USA: 800-538-0750· Tel: 215-997-0590· Fax: 215-997-3450· Web: www.simcolON.biz· email: info@esimco.com

5200971