

Cobra Static Neutralizing Blow-Off Gun

Description

SIMCO's **COBRA** Static Neutralizing Blow-Off Gun provides a powerful blast of ionized air designed for cleaning and neutralizing large surfaces. The COBRA Gun uses ionization combined with airflow amplification to produce an air blast that neutralizes static charges to blow away dust and dirt very effectively in rugged industrial environments. Its ergonomic handle improves performance in extended use applications. A unique accessory nozzle is included with the gun to produce a fan-shaped air blast for covering large areas like autobody surfaces, plastic sheets, and furniture pieces.

Each COBRA gun is supplied with a standard 20-foot cable for connection to the power unit. The power unit can energize one or two COBRA guns.

Typical Applications

Plastics

Thermoforming
Plastic sheet fabrication
Injection molding

Graphic Arts

Photographic processing
Prepress production

Finishing

Auto bodies and boats
Furniture and appliances
Fiberglass and composite layup



Cobra Features and Benefits

- Lightweight, durable gun body constructed from high impact plastic
- Ergonomic handle allows operator to regulate airflow
- 20 ft. of high voltage cable for connection to SIMCO power supply (optional 40 ft. cable)
- Power unit includes ON/OFF switch with neon power indicator light
- Accessory nozzle produces a fan-shaped air blast to cover broad surfaces
- Easy-to-use hook and hanger
- Power unit available for 120 volt or 230 volt operation
- Reduces costly rework by preventing re-attraction of dust and lint to cleaned surfaces
- Increases productivity by providing maximum cleaning efficiency
- Improves product quality by quickly neutralizing broad surfaces
- Offers wide area coverage with accessory nozzle
- Expandable – a single power supply can operate one or two guns

Cobra Gun Specifications



Weight	1.5 lb (integral gun and 20 ft. cable)
Maximum Pressure	100 psi (clean dry air), 1/4" NPT connector
Air Consumption	14 SCFM at 50 psi 22 SCFM at 100 psi
Outlet Air Pressure	Pressure relief in gun body, complies with OSHA requirements
Outlet Air Flow	80 CFM at 50 psi 130 CFM at 100 psi
Discharge Time	
Gun Only	0.6 seconds at 6" and 30 psi (1000V to 100V) 0.5 seconds at 6" and 100 psi (5000V to 500V)
Gun with Nozzle	0.7 seconds at 6" and 30 psi (1000V to 100V) 0.6 seconds at 6" and 100 psi (5000V to 500V)
Noise Level (2' from unit)	95 dB at 30 psi 100 dB at 60 psi 104 dB at 100 psi
Construction	Ionizer – current limited Emitter – stainless steel Body – high impact plastic

G165/G265 Power Supply Specifications



Power Requirements	Model G165: 120 VAC, 50/60 Hz, 0.25A Model G265: 230VAC, 50/60 Hz, 0.12 A
Size	5 3/8" H x 3 7/8" W x 4 1/2" D
Weight	6.6 lbs
Output	5.1 KVAC, 5 mA maximum short circuit current
Construction	Case – steel Finish – grey powder coat Transformer - encapsulated