

VECTOR™

CORDED ELECTROSTATIC SYSTEMS

Increase Durability

Reduced Trigger Pull

***Improve The Finish and
The Transfer Efficiency***

***Simplified Electrostatic
Controls***



The advent of Vector, has taken electrostatic spray guns to a new level. Improved ergonomics. Improved atomization and transfer efficiency. Improved durability. That's the new Vector. Improved from grip to tip. Vector guns offer everything needed for a production environment... classic or cascade technology, air spray or air-assisted airless and waterborne or solvent, the Vector gun meets your needs.

All Vector electrostatic guns are constructed from lighter weight, stronger and more durable polymers. Designed to achieve a better, more balanced feel in the operator's hand.

The new Vector design redistributes the pressure in the air cap adjusting the balance between the atomization and fan air. This causes paint particles to move slower through the charging field which allows stronger charging and more paint is delivered to the part with less waste.

Vector guns utilize 25% less parts which greatly reduces the likelihood of failure and lowers the costs of future repairs. The thread design on the barrel has been made coarser for easier removal while reducing the chance for cross-threading.

VECTOR

SPECIFICATIONS:

VECTOR R70

Atomization	Conventional Air	Conventional Air
Length	10" (25.4 cm)	10" (25.4 cm)
Weight	16.0 oz.	20.7 oz.
Air/Fluid Operating Pressures	100 psi	100 psi
Tip Voltage	65 Kv	65 Kv
Maximum Current	90 μ A	90 μ A
Maximum Fluid Temp	150 F (65 C)	150 F (65 C)
Maximum Fluid Delivery	1,000 cc/min	1,000 cc/min

VECTOR R90

Atomization	Conventional Air	Conventional Air
Length	11.5" (29.2 cm)	11.5" (29.2 cm)
Weight	19.5 oz.	22.4 oz.
Air/Fluid Operating Pressures	100 psi	100 psi
Tip Voltage	85 Kv	85 Kv
Maximum Current	90 μ A	90 μ A
Maximum Fluid Temp	150 F (65 C)	150 F (65 C)
Maximum Fluid Delivery	1,000 cc/min	1,000 cc/min

VECTOR AA

Atomization	Air-Assisted Airless	Air-Assisted Airless
Length	11.5" (29.2 cm)	11.5" (29.2 cm)
Weight	25 oz.	28 oz.
Air/Fluid Operating Pressures	100 psi (air) 2800 (fluid)	100 psi (air) 2800 (fluid)
Tip Voltage	85 Kv	85 Kv
Maximum Current	90 μ A	90 μ A
Maximum Fluid Temp	150 F (65 C)	150 F (65 C)
Maximum Fluid Delivery		



- **Trigger pull:** has been reduced by 50%, and the dual stage air valve eliminates air to fluid transition.
- **Vector cascade guns:** incorporate triple set point control putting unparalleled voltage control and flexibility right at the user's fingertips. A single switch turns the voltage on and off and can move between three pre-selected voltage levels.
- **Improved Electronic Controls:** Vector's control unit offers microprocessor based control for data collection.
- **It all starts up front:** Vector guns feature certified, pre-tested air caps designed to deliver consistency. The result is improved finish with less rejects.
- **We cut the weight 24% over other electrostatic guns!** This improves operator comfort and reduces fatigue, both of which add up to improved productivity and job satisfaction.



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