



RMA-560

Direct Charge Robot Mounted Rotary Atomizer

The RMA-560 is an automatic robot mounted rotary atomizer capable of spraying solvent borne coatings electrostatically or non-electrostatically. It incorporates the latest in high speed spindle technology, bell cup and shape air design to provide the best in atomization and pattern control. The bell cups are designed for durability and all wetted components are designed to offer the maximum in wear and chemical resistance. The RMA-560 incorporates an integrated turbine allowing speeds up to 100,000 rpm, dependent on the coating flowrate.

The RMA-560's heavy duty design insures excellent service life even when subjected to the quick motions of robotic applications. Components are

constructed of durable engineered resins for optimum mechanical strength and solvent resistance. The bells aerodynamic shape and light weight package allows better maneuverability into tight spaces and provides ease of cleaning of the external surfaces. The easily removable front and rear shrouds, turbine assembly and the internally mounted fluid valves, make off-line maintenance more efficient and economical. An optional split shroud is available for easy access to internal components while still mounted on the robot. The new construction also reduces downtime for maintenance, utilizing the quick disconnect feature an atomizer can be changed in less than two minutes.

FEATURES

- True dual purge capability
- Proven long life turbine and bell cup
- 3 year or 15,000 hour warranty
- No external high voltage cable
- Less waste to the spray booth
- Color coded tubing bundle

Electrical	
Power Supply Type:	MicroPak 2e
Charging Method:	Direct
Output Voltage:	30-100 kV Variable (100 kV Max.)
Output Current:	125 μ A
Turbine Speed Control:	MicroPak 2e
Mechanical	
Weight (Dual Flex) Atomizer Only:	12.77 lbs. (5.8 Kg) max.
Turbine Type:	Air Bearing Impulse Drive
Turbine Air Supply:	Variable
Maximum/Minimum Turbine Speed:	Up to 100,000 rpm (dependent on air flow rate)
Tubing Bundle Max. Rotation:	450° in Either Direction
Bearing Air Supply at the Applicator:	90 psig (\pm 10 psi)
(Nominal):	(621 kPa \pm 69 kPa) 2.9 SCFM (82 slpm)
Brake Air Supply (Nominal):	60-100 psig (414-689 kPa)
Paint:	200 psi (1379 kPa)
Fluid Flow Rate:	25-1000 cc/min. (dependent on bell cup size, speed and flow rates) Available in 30mm, 55mm and 65mm.



Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at Carlisleleft.com or call us today.

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North America 1.800.992.4657
 EMEA 44.0.1202.571111
 China 86.21.33730108
 Japan 81.45.785.6421

marketing@carlisleleft.com
 marketing-uk@carlisleleft.eu
 mkt_cn@carlisleleft.com
 jp-rans-tokyosales@carlisleleft.com

