



RMA-570

INDIRECT CHARGE ROTARY ATOMIZER

The RMA-570 is the latest in a long line of Ransburg robotic atomizers, capable of spraying waterborne coatings electrostatically or non-electrostatically. Designed with the new Platinum Series turbine and high-speed spindle technology and latest in bell cup design, the atomizer provides the best in atomization and pattern control and durability.

It's state-of-the-art technology, with indirect charge design, ensures superior performance with consistent, high-quality results. The RMA helps make large volume coating operations more efficient and economical. It's aerodynamic design makes cleaning external surfaces a breeze. The dump valve is located internally, next to the feed tube, meaning less waste in the spray booth. Fast color changes are easily achieved with the atomizer's center feed fluid delivery, providing simultaneous paint push while solvent washes the feed tube and bell cup interior, reducing downtime.

The RMA-570 indirect is designed to meet the needs of today's applications and coatings, making it one of the most effective and versatile atomizers in the industry.

Fittingless tubing bundle...

more flexibility in the robot wrist and easier to repair damaged tubes.

Internal solvent and air valves...

provide fast solvent/air chop to quickly and efficiently clean the interior and exterior of the bell cup.

Proven long life turbine and bell cup...

capable of speeds up to 100,000 rpm, achieving optimum atomization and versatility for today's coatings.

Serrated and non-serrated bell cup design...

provides application flexibility and color match.

Heavy duty design provides excellent service life...

even when subjected to the quick motions of robotic applications.

Long life titanium and aluminum bell cup design...

ensures continual uninterrupted performance.

Color coded tubing bundle...

for easy change-outs and operational efficiency.

Compact high voltage system...

MicroPak2e microprocessor provides the latest in voltage and cascade technology.

Removable High Voltage Ring... easily removable to simplify maintenance and clean up.



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Ransburg

Specifications

Electrical:

Power Supply Type:	MicroPak 2e
Charging Method:	Indirect
Output Voltage:	30-70 kV Variable
Output Current:	1000 μ A

Mechanical:

Weight Atomizer Only:	18.4 lbs. (8.43 Kg)
Maximum/Minimum Turbine Speed:	Up to 100,000 rpm (dependent upon air flow rate)
Bearing Air Supply:	90 psig (\pm 10 psi)
(Nominal):	621 kPa \pm 69 kPa) 2.9 SCFM (82 slpm)
(Angular Velocity):	Up to 100,000 rpm (dependent upon air flow rate)
Brake Air Supply:	60-100 psig
Maximum Fluid Pressure Supply	
Paint:	200 psi (1379 kPa)
Solvent:	150 psi (1035 kPa)
Fluid Flow Rate:	25-800 cc/min. (Dependent on bell cup size and coating, speed and flow rates) Available in 30mm, 55mm, 65mm

Specifications and ratings based on testing at sea level standard conditions.

Tubing Bundle Max. 450° Rotation in either Direction.

Note: An Air Heater is recommended for the turbine air supply.



Color coded tubing bundle for easy change-outs and operational efficiency.

Ransburg

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