IntelliFlow RM2

Ransburg
A CARLISLE BRAND

Entry-Level Electronic Plural Component Proportioner

IntelliFlow: The next generation of intuitive, accurate, connected proportioning solutions

The IntelliFlow RM2 is designed to minimize waste and maximize consistency for a wide range of hand spray applications.

- Up to 7 colors; mix ratios up to 100:1
- Easy operation and seamless installation
- Generates a proven ROI for your business
- Touchup or full production
- Two hand guns

IntelliFlow products deliver advanced automation and ease of use to drive efficiency, uptime, and process optimization.

- Large, color touchscreens with automated processes reduce training time and operator error
- Cloud-based connectivity allows remote monitoring and real-time diagnostics

FEATURES

BEST-IN-CLASS FLUID PERFORMANCE

- Precision 1:1 to 100:1 material ratio control
- Up to 7 colors, with customizable flush sequences per color
- Dynamic mixing reduces paint and solvent waste
- No Integrator needed, reducing maintenance and waste
- Standard air-solvent chop reduces solvent use up to 65%
- Critical components designed for reliability and serviceability

CLOUD-BASED CONNECTIVITY

- Remote monitoring for secure operation and diagnosis in real time
- Connect via Ethernet, Wi-Fi, cellular, or USB
- Track and export data for process improvement and VOC reporting

10" COLOR TOUCHSCREEN

- Easy-to-learn interface, intuitive to all operators
- Streamlined operation screens simplify information
- Common operations can be done in 3 presses or less
- Common processes can be automated for increased productivity and uptime, and minimized mistakes
- Visible alarms include instructional fixes, reducing troubleshooting time

Why move up to the RM2 from hot-potting?

Switching to the IntelliFlow RM2 can save an operation over $50,000 per year.

- Eliminate excessive mixed coating waste
- Eliminate time required to manually mix coatings
- Reduce warranty repairs from improperly mixed coatings

With the RM2, you can stand behind your work and validate to customers that the coating was mixed and dispensed correctly every time.

SPECIFICATIONS:

Ransburg Intelliflow RM2

Dimensions (W x H x L)	28" x 22" x 69" (71 x 56 x 175 cm)
Weight	250 lbs (113 Kg)
Ambient Temperature	32-122 F (0-50 C)
Ambient Humidity	5%-85%
Power Requirements	100-240 VAC 50/60 Hz, single phase 2.45/1.55 Amps
Sound Pressure	less than 70 dB
Sound Power	less than 85 dB
Working Air Pressure	75-105 psi (5.2-7.2 Bar)
Air Filtration Requirement	5 micron
Fluid Compatibility	Solventborne, waterborne, polyurethane, epoxy, isocyanate
Wetted Parts	Stainless steel, PTFE, Perfluoro elastomer, UHMW, Polyethylene
Resin Flowrate	20-1900 cc/min
Hardener/Catalyst Flowrate	2-600 cc/min
Fluid Viscosity	10 to 3,000 cPs
Fluid Pressure	250 psi (17 Bar)
Fluid Temperature	32-122 F (0-50 C)
Fluid Filtration Requirement	100 mesh minimum
Ratio Range	1:1 to 100:1
Ratio Accuracy	Up to +/- 1%
Trigger Response	200 ms
Max Number of Colors	7
Max Number of Hardeners/Catalysts	1
Max Number of Recipes	250
Connectivity	EtherNet/IP standard, ProfiNet, DeviceNet, CC-Link, EtherCAT available
Hazardous Area Rating	Class 1, Division 1, Group D, Temp T6 Zone 1, Group 2A, Temp T6 Ex II2G ib IIA T6
Intrinsically Safe Option	Yes

RECOMMENDED ACCESSORIES:

Part No.	Description
240-5199	Floor Stand
240-5205-1	Gun Flush Box Kit, 1 Gun
240-5205-2	Gun Flush Box Kit, 2 Gun
240-5200	Two Gun Manifold Kit, Low Pressure
240-5201	Catalyst Flow Sensor Kit
240-5202	Solvent Meter Kit
240-5203	Remote Color Change Kit
240-5204	In-Booth Solvent Meter Kit
240-5206	In-Booth Fluid Panel Mounting kit
240-5143	Screen Protector Kit
310-4170	Wi-Fi Module
240-3131	Air Regulatory Assembly

Turn-Key Configurations:

The configurations below include everything necessary to get up and running
All turn-key configurations include the following:
- 10" full-color touchscreen
- 2 gun capability
- Solvent and Air Chop valves on color stack
- High-resolution gear flowmeter
- Catalyst metering pump
- Dynamic mix block
- Air connection bulkheads
- Wall mounting hardware

How to Select Your Turn-Key Configuration:

1) Select number of colors
2) Select catalyst pump size:
   - If max catalyst flow is less than 100 cc/min, select 300
   - If max catalyst flow is greater than 100 cc/min, select 600
3) Select additional kits and accessories

LOW PRESSURE 250 PSI (17 BAR)

Number of Colors	Catalyst Pump Size	Part Number
1	300	RM2-11121
1	600	RM2-11111
7	300	RM2-11127
7	600	RM2-11117

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