Binks

Entry-level electronic plural component proportioner



IntelliFlow™ RM2

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.

- Low pressure, medium pressure, and acid-catalyst configurations available
- Up to 7 colors and 2 catalysts; mix ratios up to 100:1 *
- Easy operation and seamless installation
- Efficient operation helps deliver ROI
- Touch-up or full production
- Dual gun capabilities with optional two-gun manifold

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

*For low pressure RM2 configurations

Features & Benefits

Best-in-class fluid performance

- Precision 1:1 to 100:1 material ratio control *
- Up to 7 colors and 2 catalysts, 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% (low pressure configurations)
- Critical components designed for reliability and serviceability

Cloud-based connectivity

- Remote monitoring for secure operation and diagnosis in real time
- Network connection via Ethernet or Wi-Fi
- Track and export data for process improvement and VOC reporting

IntelliFlow™ RM2

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

With the RM2, customers can rest assured that coatings are accurately metered, mixed, and dispensed correctly, every time

Specifications

BINKS 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, Acid Catalyst
Wetted Parts	Stainless Steel, PTFE, Perfluoro Elastomer, UHMW, Polyethylene
Resin Flowrate	20-1900 cc/min
Hardener/Catalyst Flowrate	2-600 cc/min (LP), 10-1900 cc/min (MP)
Fluid Viscosity	10 to 3,000 cPs
Fluid Pressure	250 PSI (17 Bar) / 3,000 PSI (206 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	2
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

*For low pressure RM2 configurations

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, LP
240-5336	Two Gun Manifold Kit, MP
240-5201	Catalyst Flow Sensor Kit, LP
240-5202	Solvent Meter Kit, LP
240-5203	Remote Color Change Kit
240-5204	In-Booth Solvent Meter Kit, LP
240-5206	In-Booth Fluid Panel Kit, LP
240-5337	In-Booth Fluid Panel Kit, MP
240-5143	Screen Protector Kit
310-4170	Wi-Fi Module

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
- Two-gun capability
- Solvent and air chop valves on color stack (LP only)
- High-resolution gear flowmeter
- Catalyst metering pump (LP) or pulse valve (MP)
- Dynamic mix block
- Convenient air connection in one central manifold
- Wall mounting hardware

HOW TO SELECT YOUR TURN-KEY CONFIGURATION

1) Select low, medium, or acid-compatible medium pressure
2) Select number of colors
3) Select number of catalysts (MP only)
4) Select catalyst pump size (LP only)

Available configurations

CONFIG.	NUMBER OF COLORS	NUMBER OF CATALYSTS	CATALYST PUMP SIZE	PART NUMBER
Low	1	1	300	RM2-11121
Low	1	1	600	RM2-11111
Low	7	1	300	RM2-11127
Low	7	1	600	RM2-11117
Medium	1	1	N/A	RM2-21151
Medium	3	1	N/A	RM2-21153
Medium	7	1	N/A	RM2-21157
Medium	7	2	N/A	RM2-21159
Acid	1	1	N/A	RM2-22151
Acid	7	1	N/A	RM2-22157
Acid	7	2	N/A	RM2-22159

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For more information, visit **binks.com**.

A powerful solution can start with a simple conversation

Learn more about what we can offer by reaching out to your local representative.

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