

# IntelliFlow RM2

## 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 and 2 catalysts; mix ratios up to 100:1
- Easy operation and seamless installation
- Generates a proven ROI for your business
- Touchup or full production
- Two hand gun capability standard

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 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
- 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 (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

## 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
- 2 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
- Air connection bulkheads
- Wall mounting hardware

## How to Select Your Turn-Key Configuration:

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

## AVAILABLE CONFIGURATIONS

Pressure	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



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