



IntelliSpray™ IS40 Proportioner Spray Foam System

Simple, Durable, Driving Productivity

Over the last five years, Carlisle assembled a team of industry leading engineers, experienced technicians, and business owners to engineer the future of the spray foam insulation industry: the IntelliSpray System. We heard your frustrations and tackled three key issues facing industry sprayers: high ratio errors, equipment break downs, and a difficult equipment to use.

"This is by far the smoothest running machine I've ever had the pleasure of using."

– Stephan Cummings
Texas Foam Insulators

>99%

NO MORE OFF-RATIO JOBS AND RE-DO'S

- Independent, Servo-driven motors control the flow of A & B materials to maintain proper ratio
- Ratio monitored and controlled from end of hose with >99% Ratio Accuracy

15

SAVE UP TO 1-1.5 HOURS/DAY

- Warm up in under 15 minutes, more consistent heat, higher outputs, and less downtime
- Automated procedures and troubleshooting

☁️

MONITOR & CONTROL WHERE IT'S NEEDED

- Monitor rig operations remotely with cellular connection
- Adjust rig settings while spraying with IntelliSense Remote Control

Smarter More Durable Rig

Spraying polyurethane foam is hard work. The last thing you need are equipment issues keeping you from finishing the job. That's why we set out to eliminate common equipment failures, ensure durability with industrial grade hardware, and simplify troubleshooting. The IS40 keeps you up and running every single day.



Simple, Intuitive Display

- Brilliant, 15" Full Color Display
- Touchscreen with Intuitive pull-down menus
- Built-in Operating Manuals and Full Motion Video Capability
- Intuitive display design makes operation a breeze



Proven, Industrial Grade Hardware

- Major components field proven with years of run-time in similar chemistry and applications
- Highly engineered to reduce fittings, seals and costly points of failure
- Motor bearing life rated at over 20,000 hours
- Extended warranty on major components



True Ratio Control

- Independent, Servo-driven motors control the flow of A & B materials
- Integral flow meters monitor the flow of A and B materials to assure that foam is applied on-ratio
- System automatically compensates for worn components, plugged filters/lines to keep the operator spraying materials on-ratio



Work Faster, More DeltaT

- Unique heater technology supports >100°F DeltaT
- Heating capacity allows contractors to increase mix chamber/tip sizes and spray faster
- System can spray most fluids at higher pressures leading to greater yields and productivity



**"Had the pleasure of using the new Carlisle rig today.
Overall the smoothest machine I've ever used."**

— Mark Gordos, Business Owner



More Control with Built in IoT

- Operating information can be monitored by an owner/operator remotely
- System can be remotely supported from the cloud by our Global Service Center
- IntelliSense Remote allows sprayers to adjust settings directly from the spray area



Easy, Modular Service

- Make any repairs from front of machine
- Major components can be replaced in minutes not hours



More Intelligence, Less Expertise

- Built-in automated procedures free up operators to focus on other spray tasks and not the machine
- Embedded sensors pinpoint problem areas and allow crews to troubleshoot with ease
- Built-in, filter monitoring — automatically alerts operators when inlet filters need to be changed.



Build Your Reputation

The IntelliSpray IS40 Proportioner is designed to help you build and enhance your reputation. It ensures each job is on-ratio, while keeping your rig up and running faster, and more consistently than ever before.

This complete redesign of the spray foam insulation rig will help you set yourself apart from competitors with a faster warm up, more spray time, and quality assurance for customers.

| Spray Foam Daily Job Log | | | | |
|-----------------------------|---------------|----------------------|------------|------------|
| Job Name: Job No E2345 | | Start Date: 09/13/20 | | |
| Customer: Joe Customer | | End Date: 09/24/20 | | |
| Address: 777 Heavenly Court | | Author: Joe Sprayer | | |
| City: On a Hill | | State: GA Zip: 56789 | | |
| Conditions | | | | |
| # of Entries 0 / 20 | Minimum | Maximum | Average | |
| Air Temp °F | nan | nan | nan0 | |
| Relative Humidity % | nan | nan | nan0 | |
| Dew Point °F | nan | nan | nan0 | |
| Substrate Temp °F | nan | nan | nan0 | |
| Substrate Moisture % | nan | nan | nan0 | |
| Parameter | Set Point MIN | Set Point MAX | Actual MIN | Actual MAX |
| A-ISO Temperature °F | 0 | 0 | 0 | 0 |
| B-RES Temperature °F | 0 | 0 | 0 | 0 |
| Pressure PSI | 0 | 0 | 0 | 0 |
| Ratio (A-ISO/B-RES) | 0.00 | 0.00 | 0.00 | 0.00 |
| Supply | | | | |
| A-ISO Inlet Temp °F | 0 | 0 | Fix Me | |
| B-RES Inlet Temp °F | 0 | 0 | Fix Me | |
| A-ISO Inlet Pressure PSI | 0 | 0 | Fix Me | |
| B-RES Inlet Pressure PSI | 0 | 0 | Fix Me | |
| Material | | | | |
| Material Amount | A-ISO | B-RES | Total | |
| Supply Gal | 0.00 | 0.00 | 0.00 | |
| Exchange Gal | 0.00 | 0.00 | 0.00 | |
| Job Total Gal | 0.00 | 0.00 | 0.00 | |
| Performance | | | | |
| Machine On Time | 0ms | | | |
| Spray Time | 0 | | | |
| % Trigger On | Fix Me | | | |
| Gallons Per Hour | 0 | | | |
| # of Entries 0 / 20 | Minimum | Maximum | Average | |

Job Reporting

At the end of the day, provide your contractor with a detailed job report about how the foam was applied on the job:

- Environmental Conditions
- Operator Job Comments
- Pressures, Temperatures and Setpoints
- Materials and Lot Numbers
- All alarms and Events

PRODUCT SPECIFICATIONS

| | |
|-----------------------------|--------------------------------|
| Max. Fluid Pressure | 2,250 psi (155 bar, 13.8 MPa) |
| Max. Fluid Temperature | 200°F (93°C) |
| Maximum Flow Rate | 40 lb/min |
| Max. Hose Length | 350 ft (107 m) |
| Operating Temperature Range | 32/120°F (0-50°C) |
| Line Voltage Requirements | 200-240 VAC 3-phase |
| Full Load Amps | FLA 78A |
| Sound Power | 50/60 Hz |
| Max. Fluid Inlet Pressure | 300 psi (20.68 bar, 2.068 MPa) |

| | |
|-------------------------------|---|
| Min. Fluid Inlet Pressure | 50 psi (3.45 bar, 0.345 MPa) |
| Fluid Inlet Sizes (A/B) | 3/4" JIC 12 |
| Fluid Outlet Sizes (A/B) | 3/8" JIC 5 (A) JIC 6 (B) |
| Fluid Circulation Ports (A/B) | 3/8" JIC 5 (A) JIC 6 (B) |
| Dimensions (WxH/Depth) | 70.5 x 35.4 x 26.4 in (179 x 90 x 67 cm) |
| Weight | 589 lbs (268kg) |
| Wetted Parts Materials | Stainless Steel, Aluminum, Plated Steel, Chemically Resistant Plastic, Chemically Resistant O-Rings |

Transform Your Business

1  **Schedule a 30-minute Needs Analysis**

Go to www.intellispraysystem.com

2  **See the Equipment for Yourself in an On-site Demo**

3  **Set Yourself Apart from Competitors with Your New Equipment**



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