



ST-1 Air-Purge Gun

Smoother Patterns, More Uptime, Better Ergonomics

Over the course of 5 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: pattern inconsistency, failure of gun seal and erosion of body, and wasted time from fatigue and complicated equipment.

"Wow. Nice pattern... and it stays nice."

– Matt O., Owner and Operator



CONSISTENT SPRAY PATTERNS

- Check valve eliminates crossover of material into air passage
- Quickly change tips and mix chamber to optimize flow and pattern width



SIMPLE, DURABLE DESIGN

- Ultra Onyx™ coating improves gun body life and cleaning
- Higher performance side seal increases gun life, uptime



BETTER ERGONOMICS

- Award winning, balanced handle allows sprayers to spray longer
- Swivel straps, handle winglets, and 10% lighter design reduce hand stress

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Cut Labor and Material Costs

- ST-1 gun designed to provide more consistent patterns for faster spray
- Ultra Onyx™ coating improves gun body life makes clean-up a breeze

Smarter, More Durable Rig

- Tip design reduces overspray build-up on the gun and keeps the sprayer spraying
- Unique, Ultra Life mix chamber and side seal interface for longer gun life



Built-in Protection

- Integral Air Check Valve prevents crossovers or fluid leaks from entering air sections or piston

Built for Spray Operators

- Handle winglets reduces purlicue stress and helps operators maintain accuracy
- Simple, single tool service
- Unique swivel allows strap to be changed from right to left and left to right quickly and easily

PRODUCT SPECIFICATIONS

Max. Fluid Working Pressure	3500 psi (24.1 MPa, 241 bar) [24.1 MPa, 241 bar]
Min. Air Inlet Pressure	70 psi (0.48 MPa, 4.8 bar)
Max. Air Inlet Pressure	130 psi (0.9 MPa, 9 bar)
Max. Fluid Temperature	200°F (93°C) [93°C?]
Air Inlet Size	1/4 NPT Quick Disconnect Nipple Inlet Size

A Component (ISO)	5 JIC; 1/2-20
UNF Inlet Size – B Component (resin)	6 JIC; 9/16-18
UNF Weight (without manifold)	2.38 lb (1.08 kg)
Weight (with manifold)	3.1 lb (1.4 kg)
Dimensions	7.9 x 8.3 x 3.4 in (201 x 211 x 86 mm)

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**



Carlisle Fluid Technologies
 16430 N. Scottsdale Rd. Suite 450, Scottsdale, AZ 85254
 Phone: 651-925-4856 | For Info: sprayfoam@carlisleft.com | www.intellispraysystem.com