

TECHNICAL DATA

ST1 SPRAY GUN

Increase your productivity, spray consistency, and uptime with Carlisle’s ST1 Air Purge Spray Gun. This high-performance spray gun features patented ergonomics for increased comfort and control, quick change mix tips for precision and consistency, and an intuitive design for easy service. The ST1 spray gun is designed for spraying polyurethane foam insulation in residential and commercial projects.

FEATURES AND BENEFITS

- Increased Comfort and Control
 - Designed to reduce sprayer fatigue and increase application consistency
 - 10% lighter than the leading competition - spray longer and more consistently, especially in hard-to-reach areas
 - Handle wings transfer load from your fingers to your arm — reducing fatigue
 - Optional strap secures the gun to your hand — so you can rest your fingers when not triggering
- Precise and Consistent Spraying
 - Separate mix chambers and tips can be mixed and matched — optimizing flow and pattern width for every application
 - Quickly and easily swap mix tips on the job — seamlessly move from rapid coverage to precise application
- Modular design for quick and intuitive maintenance
 - Simple, single tool maintenance

TYPICAL PROPERTIES

Property	Results
Maximum Fluid Working Pressure	3500 psi (24.1 MPa, 241 bar) [24.1 MPa, 241 bar?]
Minimum Air Inlet Pressure	70 psi (0.48 MPa, 4.8 bar)
Maximum Air Inlet Pressure	130 psi (0.9 MPa, 9 bar)
Maximum 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)