



First choice when
quality counts.™

Ultra-Lite™ 4000 SD Severe-Duty Flow Gun

- **Precise control of highly viscous materials**
- **Built with the operator in mind**
- **Changeable tips for a variety of dispensing needs**



*Ultra-Lite 4000 SD
Shown with C00-047 nozzle
(not included).*

**Easy-to-use,
pistol-grip flow
gun for
precision
dispensing and
long life**

Low Surge

The Ultra-Lite 4000 SD with tapered needle provides the lowest fluid surge of any sealant and adhesive flow gun. This is achieved by the operator's precise control of fluid flow and a four-finger trigger design. Minimum trigger force enables the user to feather the release of fluid, reducing the physical effort needed to perform repetitive applications.

Long Life

The Ultra-Lite 4000 SD uses a carbide tapered needle and carbide seat to provide the longest operating life of any other tapered-needle sealant and adhesive flow gun. Needle and seat erosion due to abrasive materials is greatly reduced, eliminating frequent repairs and downtime.

Light Weight

The Ultra-Lite 4000 SD uses a high-strength, reinforced composite plastic handle and a cast aluminum fluid head that results in the lightest weight gun in its class. The contoured shape supports the palm and maximizes operator comfort and ease of use.

Fluid Compatible

This premium flow gun is designed to be used with any commonly applied, low to high abrasive, moderate viscosity sealant or adhesive, including: PVC sealer, waterborne, silicone and solventborne materials. A wide variety of threaded and flanged nozzles, extensions and flow brushes adapt to the Ultra-Lite to provide the type of bead pattern or shape required for the process.

Typical Fluids Handled

- low to high abrasive fluids
- PVC sealant
- waterborne adhesives with abrasive fillers
- silicone and solventborne materials with abrasive fillers

Typical Applications

- automotive sealants and adhesives
- industrial sealants and adhesives

Technical Specifications

Max. working pressure	4000 psi (27.0 MPa, 270 bar)
Flow rate @ 1000 psi (7.0 MPa, 70 bar) . . .	*332 gm/min.
Outlet port size	1/4 npt(f)
Inlet port size	1/4 npt(f)
Dry weight	15.5 oz. (439 gm)
Length	8.05 in. (20.5 cm)
Width	1.2 in. (3.0 cm)
Height	5.9 in. (15.0 cm)
Pressure tube	stainless steel
Pressure tube ID	0.187 in. (47.5 mm)
Valve seat diameter	0.200 in. (50.8 mm)
Needle seat type	7.5° tapered
Head/handle angle	150°
Maximum trigger force	
@ 0 psi (0 MPa, 0 bar)	1.5 lbs. (0.68 kg)
@ 1000 psi (7.0 MPa, 70 bar)	4 lbs. (1.82 kg)
Wetted parts	carbide, aluminum, stainless steel, polyurethane, Viton®
Instruction manual	308-253

* This flow rate was achieved using PVC sealer dispensed through a 0.030 in. (0.76 mm) diameter orifice nozzle. Actual flow rates will vary depending on material type, fluid pressure and nozzle size.

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Ordering Information

237-607	Ultra-Lite 4000 SD Severe-Duty pistol grip flow gun
237-649	Ultra-Lite 4000 SD with Swivel Severe-Duty pistol grip flow gun. Inlet thread: 37° SAE. Inlet in-line swivel: 1/2-20 UNF(m) mounted on gun inlet.
237-596	Ultra-Lite 4000 SD Repair Kit Carbide seat, 7.5° tapered carbide needle, O-ring for seat, seal for needle, hex nut.

Accessories

Fluid Nozzles

Flanged Metal Nozzles, Wide Shank

Length: 2 in. (50.8 mm).

Diameter Orifice:

C00-014	0.031 in. (0.79 mm)
C00-010	0.062 in. (1.57 mm)
C00-007	0.093 in. (2.36 mm)
C00-006	0.125 in. (3.17 mm)
C00-005	0.187 in. (4.75 mm)
C00-008	0.250 in. (6.35 mm)
C00-011	0.375 in. (9.52 mm)

Flanged Metal Nozzles, Narrow Shank

Length: 2.5 in. (63.5 mm).

Diameter Orifice:

C00-047	0.062 in. (1.57 mm)
C00-046	0.093 in. (2.36 mm)
C00-044	0.125 in. (3.17 mm)

168-683 Nozzle Bushing

To adapt 1/8 npt(m) nozzles.
Zinc-plated carbon steel.

See Form No. 305-567 for additional Nozzles, Brushes, Adapters and Extensions.

Swivels

223-341 Straight Swivel

Maximum working pressure: 3600 psi (24.5 MPa, 245 bar). Inlet: 1/4 npt(f), outlet: 1/4 npt(m).
Zinc-plated steel, Teflon® packings.

223-340 Z-Swivel

Maximum working pressure: 8000 psi (56 MPa, 560 bar). Inlet: 1/4 npt(f), outlet: 1/4 npt(m).
Zinc-plated steel, Teflon packings. Z-swivels are not intended for use with abrasive materials.

Kit

970-167 Pistol Grip Manual Extrude Kit

Includes: 3/4 npt ball valve, 3/8 npt mastic regulator, 3/8 in. x 25 ft. (7.6 m) dispense hose, 1/4 in. x 6 ft. (1.8 m) whip hose, Z-swivel, and Ultra-Lite 4000 SD pistol grip flow gun.