



Ultra-Lite™ 4000 and 4000 SD

Severe-Duty Pistol Grip Flow Guns

Ultra-Lite 4000 guns feature ergonomic design and operating pressure to 4000 psi (276 bar; 27.6 MPa).

2

Features and Benefits

- Precise control of low-to-medium viscosity materials
- Designed for light trigger pull and easy handling
- Changeable tips for a variety of dispensing needs

Typical Application

- Industrial and automotive single component sealant dispensing

Typical Fluids Handled

- Low abrasive fluids
- PVC sealer
- Waterborne adhesives (with abrasive fillers for SD)
- Silicone and solvent-borne materials (with abrasive fillers for SD)



235627
Ultra-Lite 4000 with
C00047 nozzle (not included)

Ultra-Lite 4000 and 4000 SD

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Technical Specifications

Maximum fluid outlet pressure	4000 psi (276 bar; 27.6 MPa)
Flow rate @ 1000 psi (70 bar; 7.0 MPa)	332 gpm*
Maximum trigger force	
@ 0 psi (0 bar; 0 MPa)	1.5 lbs (0.68 kg)
@ 1000 psi (70 bar; 7.0 MPa)	4 lbs (1.8 kg)
Fluid outlet size	1/4 npt(f)
Fluid inlet size	1/4 npt(f)
Weight	15.5 oz (439 gm)
Dimensions	8.05 in. x 1.2 in. x 5.9 in. (20.5 cm x 3.0 cm x 15.0 cm)
Pressure tube	Stainless steel
Pressure tube I.D.	0.187 in. (47.5 mm)
Valve seat diameter	0.200 in. (50.8 mm)
Needle seat type	Titanium nitride SST, 6.5° tapered
Needle seat type (SD)	Titanium nitride SST, 7.5° tapered
Head/handle angle	150°
Wetted materials	Aluminum, SST, polyurethane, Viton®
Instruction manual	308253

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

Ordering Information

Ultra-Lite 4000 Flow Guns

- 235627** **Ultra-Lite 4000**
Pistol grip flow gun
- 237607** **Ultra-Lite 4000 SD**
Severe-Duty pistol grip flow gun
- 237649** **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.

Kits

- 970167** **Pistol Grip Manual Extrude Kit**
Includes: 3/4 npt ball valve, 3/8 npt mastic regulator, 3/8 in. (9.5 mm) x 25 ft (7.6 m) dispense hose, 1/4 in. (6.4 mm) x 6 ft (1.8 m) whip hose, Z-swivel and Ultra-Lite 4000 SD pistol grip flow gun.

Repair Kits

- 235875** **Ultra-Lite Teflon® Packing**
For use with fluids which are not compatible with polyurethane or Viton® packings. Contains Teflon® seals and O-rings.
- 235869** **20° Taper Needle (for low abrasives)**
For higher flow with controlled opening. Includes seat, 20° tapered needle, O-ring for seat and needle seal.
- 235658** **Ultra-Lite 4000 Repair Kit**
Includes: seat, 6.5° tapered needle, O-ring for seat, seal for needle and hex nut.
- 237596** **Ultra-Lite 4000 SD Repair Kit**
Includes: seat, 7.5° tapered carbide needle, O-ring for seat, seal for needle, hex nut.

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