

Trilogy™ AS and LVLP Manual

Air Spray and Low Volume, Low Pressure (LVLP) Guns

Available in air spray and LVLP versions, Trilogy guns minimize overspray and provide excellent handling for a variety of liquid spray applications.

The Trilogy air spray and LVLP guns are excellent all-purpose liquid spray guns with a cost-to-performance ratio that makes them ideal for general manufacturing applications or as filler/primer guns. Providing application versatility, the guns are available in four versions – in either gravity or pressure/siphon feed models, which can be configured in an air spray version for reduced overspray, or in an LVLP version for minimum overspray.

All Trilogy air spray and LVLP models are equipped with an atomizing air regulating lever, a spray pattern adjustment knob, material flow regulator and an externally adjustable packing cartridge. As a result, gun maintenance and repair is easy for the operator.

Nozzles range in size from .04 to .08 in (1.0 to 2.0 mm). A standard 3/8" NPSM pot connection is provided in the pressure/siphon feed version. In addition, all Trilogy air spray and LVLP guns are equipped with a swivel air connection that rotates for ease of gun movement.

Designed with easy handling in mind, operators benefit from a balanced center of gravity and enhanced spray qualities to meet most any application need.

Features and Benefits

- **Versatile configurations** – available in air spray and LVLP, gravity or pressure/siphon feed, to meet most any liquid application need.
- **Optimum center of gravity** – provides easy handling.
- **Rotating and swiveling air connection** – flexible handling allows easy gun movement.
- **Stainless steel nozzle and needle.**
- **Externally adjustable packing cartridge** – simplifies maintenance.
- **Available in U.S. and Metric versions.**



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Specifications

Trilogy AS Pressure/Siphon Feed	
Optimal spray pressure	28-36 psi (2.0 – 2.5 bar)
Air consumption @ 35 psi (2.5 bar)	3.4 – 8.0 cfm (96 – 226 l/min)
Nozzle/needle	Stainless steel
Weight without pot	1.05 lb (480 g)
Nordson part # (US)	1600766
Nordson part # (Metric)	1600798

Trilogy LVLP Pressure/Siphon Feed	
Optimal spray pressure	28-36 psi (2.0 – 2.5 bar)
Air consumption @ 35 psi (2.5 bar)	3.6 – 8.7 cfm (103 – 246 l/min)
Nozzle/needle	Stainless steel
Weight without pot	1.05 lb (480 g)
Nordson part # (US)	1600768
Nordson part # (Metric)	1600800

Trilogy AS Gravity Feed	
Optimal spray pressure	28-36 psi (2.0 – 2.5 bar)
Air consumption @ 35 psi (2.5 bar)	3.9 – 8.2 cfm (110 – 232 l/min)
Nozzle/needle	Stainless steel
Weight without gravity cup	1.05 lb (480 g)
Nordson part # (US)	1600765
Nordson part # (Metric)	1600797

Trilogy LVLP Gravity Feed	
Optimal spray pressure	28 – 36 psi (2.0 – 2.5 bar)
Air consumption @ 35 psi (2.5 bar)	4.2 – 8.7 cfm (120 – 246 l/min)
Nozzle/needle	Stainless steel
Weight without gravity cup	1.05 lb (480 g)
Nordson part # (US)	1600767
Nordson part # (Metric)	1600799

Spare Parts and Gun Accessories

Air Spray Nozzle Kits (air cap, nozzle, needle, retaining nut and seals)	
.04 in (1.0 mm) supplied with gun	1600968
.06 in (1.5 mm)	1600969
.07 in (1.8 mm)	1600970
.08 in (2.0 mm)	1600971

LVLP Nozzle Kits (air cap, nozzle, needle, retaining nut and seals)	
.04 in (1.0 mm) supplied with gun	1600972
.06 in (1.5 mm)	1600973
.07 in (1.8 mm)	1600974
.08 in (2.0 mm)	1600975

Spare Parts Kits* (for all versions)	
Seal Kit	1600872
Repair Kit	1600873

* Repair kit includes the seal kit.

Small Nylon Gravity Cup	
20 ounces (600 ml)	1600874
4 ounces (125 ml)	1600875
Filter – .009 in (.23 mm); Qty=10	1601023
Filter – .004 in (.10 mm); Qty=10	1601031

Aluminum Siphon Cup	
34 ounces (1000 ml)	1600876

For more information, speak with your Nordson representative or contact your Nordson regional office.

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