



First choice when
quality counts.™

1600 Automatic HVLP Gun

- Improves efficiency over air spray
- Reduces coating material usage over air spray
- Handles commonly used coatings
- Easy to install



COMPONENTS

Automatic HVLP air spray gun offers performance and compliance in finishing equipment

Performance and compliance are two key benefits of Graco's automatic HVLP spray gun. This gun delivers fine atomization and precise spray pattern control at pressures that comply with environmental regulations. A gun inlet air pressure of 65 psi (448.5 kPa, 4.5 bar) will produce 10 psi (0.7 MPa, 0.7 bar) air atomization pressure. This meets the most stringent environmental regulations, including SCAQMD* Rules 1124, 1136 and 1151.

The 1600 gun handles a wide range of low to medium viscosity coatings. This highly efficient gun is designed to work with any reciprocating positioner and part sensor system to maximize finish quality and material savings. The 1600 can be installed as easily as any standard automatic air spray gun. This allows you to replace your existing automatic air spray guns with more efficient HVLP guns.

** South Coast Air Quality Management District*

Typical Fluids Handled

- Wood furniture and fixtures finishing
- Automotive, truck and bus components
- Fabricated metal

Typical Applications

- Low viscosity stains
- Low to medium viscosity primers
- Mold release
- Low flow application of base/clear on plastics

Technical Specifications

Max. working fluid pressure	... 300 psi (2.1 MPa, 21 bar)
Max. working air pressure 100 psi (0.7 MPa, 7 bar)
Air inlet 1/4-18 npsm (R1/4-19)
Fluid inlet 3/8-18 npsm (R3/8-19)
Length 6.78 in. (174.6 mm)
Weight 1.4 lbs. (0.64 kg)
Wetted parts stainless steel, Teflon®, leather
Instruction manual 308-044

Teflon® is a registered trademark of Du Pont

Ordering Information

110-863	1600 Automatic HVLP Gun
	Includes 0.070 in. (1.8 mm) fluid nozzle

Accessories

Throat Seal Liquid (TSL)

Non-evaporating liquid for wet-cups.

206-995	1 qt. (0.95 liter)
206-996	1 gal. (3.8 liter)

179-764 Wrench

Open-end type wrench with opening for all required disassembly and adjustments of this gun.

224-909 Remote Fan Valve Kit

This kit provides a wider range of pattern/atomization control by enabling you to independently adjust fan and atomizing air.

207-755 Air Pressure Regulator

Regulated pressure: 10-25 psi (69-172.5 kPa, 1-9 bar). Inlet and outlet: 3/4 npt(f).

101-180 Air Pressure Gauge

Pressure range: 0-200 psi (0-1.4 MPa, 0-14 bar).

106-148 Air Filter and Moisture Separator

Max. working pressure: 250 psi (1.75 MPa, 17.5 bar).
3/8 npt(f) without gauge. Bowl: 5 oz.
For cleaning and drying air in air spray system.
Filtration: 20 micron.

Fluid Regulator

Maximum working pressure: 250 psi (1.8 MPa, 18 bar). To reduce and regulate fluid pressure to one air spray gun. Fluid outlets: 3/8 npsm(m) and 3/8 npt(f).

Pressure Ranges:

203-831	0-60 psi (0-414 kPa, 0-4 bar)
204-500	0-15 psi (0-103.5 kPa, 0-1 bar)
205-425	0-60 psi (0-414 kPa, 0-4 bar)*

** for viscous fluids*

Fluid Needle/Nozzle Combination Kits

224-581	0.032 in. (0.8 mm)
224-582	0.047 in. (1.2 mm)
224-583	0.055 in. (1.4 mm)
224-584	0.070 in. (1.8 mm)