



First choice when
quality counts.™

PRO 3500wb™

Manual Electrostatic Air Spray Gun

- **Rugged dependable design**
- **Compact and lightweight for maximum operator acceptance**
- **60 kV DC internal PRO™ power supply**
- **Simple to install, no powered electrical connections required**
- **Designed for conductive waterborne fluids**

**Electrostatic
air spray
technology
for handling
waterborne
applications**

Graco's PRO 3500wb is a manual electrostatic air spray gun designed to handle waterborne coatings when used with Graco's waterborne isolation system.

The lightweight and comfortable design of the PRO 3500wb makes it an easy gun to maneuver and use. All controls can be operated with one hand. Operator acceptance is exceptional.

When you need performance, the PRO 3500wb provides excellent atomization and superior finish quality, even in the toughest work environments. The 60 kV DC power supply gives the electrostatic charge to make it a highly efficient gun.

The PRO 3500wb comes with a unique three year warranty.

Typical Fluids Handled

- Waterborne epoxy primers
- Waterborne topcoats
- Waterborne industrial finishes

Typical Applications

- Automotive, truck, or bus finishing
- Automotive components finishing
- Fabricated metal finishing
- Mold-release spray
- Metal office furniture and cabinets finishing



COMPONENTS

Technical Specifications

Maximum fluid pressure	100 psi (0.7 MPa, 7 bar)
Maximum air pressure	100 psi (0.7 MPa, 7 bar)
Voltage output	60 kV
Air inlet	1/4 npsm (L.H.)
Fluid inlet	3/8 npsm
Gun weight	1.87 lbs. (0.85 kg)
Gun length	9.5 in. (240 mm)
Wetted parts	SST, nylon, acetal, Teflon®,UHMWPE, ceramic, fluoroelastomer
Fluid specifications: conductive waterborne fluids having flash points above 140°F (60°C) and a maximum 20% organic solvent concentration by weight.
Instruction manual	307-978

Teflon® is a registered trademark of Du Pont

Ordering Information

222-700	PRO 3500wb Gun 1.5 mm Nozzle Aircap (177-033) with Two-Finger Trigger
223-518	PRO 3500wb Gun with 25 ft. (7.6 m) Air and Fluid Hose
223-519	PRO 3500wb Gun with 36 ft. (11 m) Air and Fluid Hose
223-520	PRO 3500wb Gun with 50 ft. (15.2 m) Air and Fluid Hose

Air Hose Available (required for use)

Conductive SST wire braid for grounding. Polyurethane tube and cover.

Length	Red
6 ft. (1.8 m)	235-068
6 ft. (1.8 m)	235-068
15 ft. (4.6 m)	235-069
25 ft. (7.6 m)	235-070
36 ft. (11 m)	235-071
50 ft. (15.2 m)	235-072
75 ft. (23 m)	235-073
100 ft. (30.5 m)	235-074

185-493	Air Hose Adaptor Nipple This adaptor allows for the connection of two special grounded PRO air hoses. 1/4 npsm (L.H.) x 1/4 npsm.
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Accessories

Nozzles Available	Nozzle Size
191-831	0.040 in. (1.0 mm)
191-832	0.047 in. (1.2 mm)
191-833	0.055 in. (1.5 mm)
191-834	0.070 in. (1.8 mm)

186-615 Electrode Needle (all nozzles)

Round Pattern Kits

Consists of fluid tip, diffuser and air cap.

222-329	4-6 in. diameter (102-152 mm)
222-330	8-10 in. diameter (203-254 mm)

Paint Resistivity Meter (used together)

722-886	Meter
722-860	Probe

236-003 High Voltage Probe and Meter

Complete assembly includes high voltage probe, meter and ground wire.

Air Caps

193-033 Round End

14-17 in. (356-432 mm) at 12 in. (305 mm).
Fine atomization. Medium production.

177-039 Tapered End

14-16 in. (356-406 mm) at 12 in. (305 mm).
Medium to high production

180-739 Round End

15-17 in. (381-432 mm) at 12 in. (305 mm).
Good atomization. Medium to high production.

Waterborne Fluid Hose

Nylon, 3/8 npsf swivel fbe

223-192	25 ft. (7.6 m)
223-193	36 ft. (10.8 m)
223-194	50 ft. (15.2 m)

218-979 Megohmmeter

Used to check gun resistance and part grounding.

224-883 Push/Pull Fan Valve

For rapid change of fan size.

238-927 Air Restrictor Valve

Allows reduction of air to air cap.

112-534 Air Line Quick Disconnect & Swivel

Special replacement of gun inlet fitting.

223-976 E/S Always On Valve Kit

Replaces inlet fitting with ball valve to shut air off
during flushing. Converts ES on/off lever to always
On condition.

218-374 Box of 10 Gun Covers

236-090 Gun Holster

Allows gun to be hung while voltage discharges