



First choice when  
quality counts.™

# PRO AA4500™

## Air-Assisted Airless

- **A top performer for higher solids materials**
- **Max. fluid pressure: up to 3000 psig (20.7 MPa, 207 bar)**
- **Advanced design provides operator comfort**
- **FM-, CSA-, and Cenelec-approved**



COMPONENTS

**High pressure  
electrostatic  
air-assisted  
airless spray  
gun for high  
solids finishing**

Graco's patented PRO technology reaches a higher level of finishing capability. This breakthrough in manual electrostatic guns combines high voltage performance with high pressure air-assisted airless atomization to yield higher transfer efficiency for unparalleled performance. The ability of the PRO AA4500 electrostatic spray gun to spray at high fluid pressures provides the additional power needed to atomize high solids materials. Note: the gun's air control valve can be completely turned off to have airless atomization if desired. Closing the air control valve does not affect the operation of the turbine.

In test after test, operators rated the PRO AA4500 superior to all other competitive guns for performance as well as comfort to use. The PRO AA4500 has the following features:

- electrostatic and pattern control at the gun
- removable hook on the top
- in-line fluid filter
- high performance air cap

### Typical Fluids Handled

Solventborne materials:

- Lacquers
- Enamels
- Polyurethanes
- Alkyds
- Polyesters
- Epoxies
- Designed to handle single or plural component primers and top coats

### Typical Industrial Applications

- private, commercial and military aircraft OEM and refinish
- farm and construction equipment
- truck and bus OEM and refinish
- automotive, truck and bus components
- railcar OEM and refinish

## Technical Specifications

<b>Voltage output</b> .....	0-85 kV DC
<b>Maximum fluid pressure</b> . . . . .	3000 psig (20.7 MPa, 207 bar)
<b>Maximum air pressure</b> .....	100 psi (0.7 MPa, 7 bar)
<b>Air inlet</b> .....	1/4 npsm (L.H.)
<b>Fluid inlet</b> .....	1/4-18 npsm
<b>Gun length</b> .....	11.4 in. (290 mm)
<b>Gun weight</b> .....	35 oz. (1 kg)
<b>Wetted parts</b> .....	SST, nylon, PEEK, UHMWPE, carbide
<b>Short circuit current</b> .....	120 microamps
<b>Instruction manual</b> .....	308-294

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## Ordering Information

- 236-030 PRO AA4500 with basic power supply**  
No RF signal. Will not communicate with SVR.
- 236-031 PRO AA4500 with full-featured power supply**  
Includes RF signal option for communicating with SVR.
- 236-032 Same as 236-030 except Four-Finger**

### Air Hose Available (specially grounded with L.H. fitting)

Length	Grey	Red	Whip
3 ft. (0.9 m)			236-130
6 ft. (1.8 m)	223-068	235-068	236-131
15 ft. (4.6 m)	223-069	235-069	
25 ft. (7.6 m)	223-070	235-070	
36 ft. (11 m)	223-071	235-071	
50 ft. (15 m)	223-072	235-072	
75 ft. (23 m)	223-073	235-073	
100 ft. (30.5 m)	223-074	235-074	

### Grey Hose:

Extra flexibility with a modified semi-conductive polyamide core, urethane cover.

### Red Hose:

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

- 185-493 Air Hose Adaptor Nipple**  
This adaptor allows for the connection of multiple air hose as needed for the special grounded PRO air hose. 1/4 npsm (L.H.) x 1/4 npsm.
- 235-300 Gun Mounting Bracket**  
Allows gun to hang with barrel in a downward orientation to prevent material from getting into the air passages.

## Accessories

- 236-001 Electrode Replacement Kit**  
Includes 5 electrodes.
- 236-129 Air Inlet Swivel**  
Replaces air inlet fitting for swivel action.
- 224-388 Remote SVR**
- 224-633 Air Seal Repair Kit**
- 105-749 Cleaning Brush**
- 180-209 Gun Cover**
- 218-374 Box of 10 Gun Covers**
- 223-976 E/S Always On Valve Kit**  
Replaces inlet fitting with ball valve to shut air off during flushing. Converts E/S on/off lever to always ON condition.
- 110-090 Snap Ring Pliers**  
For removing the E/S On/Off Valve Retaining Ring.
- 224-720 Push/Pull Adjustment Valve**  
Allows quick adjustment of the air cap flow between two adjustable settings.
- 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.
- 238-563 In-Line Fluid Filter, 60 mesh (3 pack)**  
To replace the 100 mesh filter that is included with the gun.
- 189-018 Fluid Swivel**  
Maximum working pressure: 5800 psi (40.0 MPa, 400 bar)
- Fluid Whip Hose**  
Maximum working pressure: 3000 psi (20.7 MPa, 207 bar)  
ID: 1/8 in. (3.2 mm). Thread size: 1/4 npsm(f) x 1/4 npt(m).  
**236-134** Length: 3 ft. (0.9 m)  
**236-135** Length: 6 ft. (1.8 m)
- 112-534 Air Quick Disconnect/Swivel**  
Swiveling air quick disconnect designed to replace the standard air fitting in the gun handle.