



First choice when  
quality counts.™

# PRO 3500sc™

Graco's PRO 3500sc electrostatic air spray gun has two distinctive features:

- performance
- ease-of-use.

When you need performance, the PRO 3500sc provides excellent atomization and superior finish quality, even in the toughest work environments. The 65 kV DC power supply gives the electrostatic charge to make it a highly efficient gun.

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

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

## Typical Fluids Handled

- Medium to high solids solventborne primers
- Single and plural component topcoats
- Alkyd, enamel, polyurethane and epoxy-based paints

## Typical Industrial Applications

- Automotive, truck and bus assemblies
- Automotive, truck and bus components
- Private, commercial and military aircraft
- Metal furniture and fixtures
- Fabricated metal

## Ordering Information

- 222-300 PRO 3500sc, 2-Finger Trigger  
1.5 nozzle, 177-033 air cap
- 222-600 PRO 3500sc, 4-Finger Trigger  
1.5 nozzle, 177-033 air cap
- 223-027 PRO 3500sc with 25 ft. (7.6 m) air hose
- 223-028 PRO 3500sc with 36 ft. (11 m) air hose
- 223-029 PRO 3500sc with 50 ft. (15 m) air hose



**Electrostatic  
air spray gun  
for a variety  
of standard  
coatings  
applications**

- **Rugged dependable design**
- **Compact and lightweight for maximum operator acceptance**
- **65 kV DC internal PRO™ power supply**
- **Simple to install, no electrical connections required**
- **FM, CSA, and CENELEC approved**

COMPONENTS

# Technical Specifications

- Gun weight** ..... 1.87 lbs. (0.85 kg)
- Gun length** ..... 9.5 in. (240 mm)
- Maximum fluid pressure** ..... 100 psi (0.7 MPa, 7 bar)
- Maximum air pressure** ..... 100 psi (0.7 MPa, 7 bar)
- Voltage output** ..... 65 kV maximum
- Paint resistivity range** ..... 7 megohm • cm to infinity
- Air inlet** ..... 1/4 npsm (L.H.)
- Fluid inlet** ..... 3/8 npsm
- Wetted parts** ..... polyethylene, SST, nylon, acetal, Teflon®, UHMWPE, ceramic, fluoroelastomer
- Instruction manual** ..... 307-912

*Teflon® is a registered trademark of Du Pont.*

## Accessories

### Air Hose Available (required for use)

Length	Grey	Red
6 ft. (1.8 m)	223-068	235-068
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. 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 hoses. 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.

#### 236-129 Air Inlet Swivel

Replaces air inlet fitting for swivel action.

#### Nozzles Available Needle 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)
- 190-933 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  
15-17 in. (381-432 mm) at 12 in. (305 mm).  
Fine atomization. Medium to high production.
- 177-036** Tapered End  
15-17 in. (381-432 mm) at 12 in. (305 mm).  
Medium to high production.
- 177-039** Tapered End  
14-16 in. (356-407 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.

### Fluid Hose, Nylon, swivel, 3/8 npsm(fbe)

- 215-637** 25 ft. (7.6 m)
- 215-638** 50 ft. (15 m)
- 215-640** 100 ft. (30.5 m)

### 218-979 Megohmmeter

Used to check gun resistance and part grounding.

### 224-883 Push/Pull Fan Valve

For rapid change of fan size.

### 223-054 Four-Finger Trigger Conversion Kit 223-451 High Conductivity Kit

Converts the PRO 3500sc gun to PRO 3500hc for use with highly conductive coatings and metallics.

### 112-534 Air Quick Disconnect/Swivel

Swiveling air quick disconnect designed to replace the standard air fitting in the gun handle.

### 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.

### 180-209 Gun Cover (FM approved)

### 218-374 Box of 10 Gun Covers