



WB100™

Waterborne Isolation System



Model number shown: 245897

The simple and reliable way
to isolate waterborne coatings

FEATURES AND BENEFITS

- Rugged, reliable design reduces production downtime
- PRO™ Xs3WB gun gives you superior finish quality and operator comfort
- 60 kV gun voltage output is designed to provide excellent material savings
- Simple 5 gallon (19 l) pail design is easy to color change and flush
- TRITON™ 308 low pulsation pump provides superior finish quality

FINISHING

The Dependable Way to Isolate Waterborne Coatings When Spraying with Electrostatic Equipment!



Typical Fluids Applied

- Waterborne acrylic enamels
- Waterborne alkyd coatings
- Waterborne epoxy primers
- Waterborne polyurethane coatings

Typical Applications

- Auto feeder
- Fabricated metal finishing
- Metal furniture and fixtures
- Private, commercial and military aircraft
- Truck and bus

Technical Specifications

Maximum working fluid pressure	100 psi (7 bar, 0.7 Mpa)
Maximum working air pressure.	100 psi (7 bar, 0.7 Mpa)
Minimum air pressure at gun inlet	40 psi (2.8 bar, 0.28 Mpa)
Maximum fluid working temperature.	120°F (49°C)
Short circuit current output	125 microamperes
Voltage limit.	60 Kilovolts
Isolation system weight	125 lb (56.3 kg)
Isolation system dimensions	44 in H x 24 in W x 29 in D (1118 mm x 610 mm x 737 mm)
Isolation enclosure air inlet.	1/4 npt
Isolation enclosure fluid inlet	3/8 in (9.5 mm) ID tube fitting
Wetted parts	
Gun	Stainless Steel, Nylon, Acetal, Ultra-High Molecular Weight Polyethylene, Fluoroelastomer, PEEK, Tungsten Wire, Polyethylene
Waterborne Fluid Hose.	PTFE
Suction Tube.	Polyethylene, Stainless Steel
Triton Pump	See manual 309303
Instruction manual	309293

For use when electrostatically spraying conductive, waterborne fluids that meet at least one of the following conditions for non-flammability:

- The fluid has a flash point above 140°F (60°C) and a maximum organic solvent concentration of 20%, by weight, per ASTM Standard D93
- The fluid does not sustain burning when tested per ASTM Standard D4206 Sustained Burn Test.

Ordering Information

- 245897 WB100 Isolation System, PRO Xs3WB, Standard**
System includes WB100 unit, 25 ft (7.6 m) fluid and air hoses, PRO Xs3WB, standard gun
- 245898 WB100 Isolation System, PRO Xs3WB, Smart**
System includes WB100 unit, 25 ft (7.6 m) fluid and air hoses, PRO Xs3WB, Smart gun
- 233825 WB100 Isolation Unit only**
Hoses and gun must be purchased separately

Accessories

- 244581 PRO Xs3WB, Standard**
 Includes 1.5 mm nozzle and 197477 air cap. Waterborne fluid hose must be ordered separately (includes fluid tube and gun fittings). Grounded air hose must be ordered separately.
- 244582 PRO Xs3WB, Smart**
 Includes Smart display showing voltage and current at the gun, adjustable voltage, 1.5 mm nozzle and 197477 air cap. Waterborne fluid hose must be ordered separately (includes fluid tube and gun fittings). Grounded air hose must be ordered separately.
- 245301 PRO Xs3WB, Standard**
 Includes 25 ft (7.6 m) waterborne fluid hose. Grounded air hose must be ordered separately.
- 245305 PRO Xs3WB, Smart Gun**
 Includes 25 ft (7.6 m) waterborne fluid hose. Grounded air hose must be ordered separately.
- 235070 Grounded Air Hose (required for use)**
 Max. working pressure: 100 psi (7 bar, 0.7 Mpa). 25 ft (7.6 m) length; red cover with stainless steel braid ground path.
- 245252 Waterborne Fluid Hose**
 Max. working pressure: 100 psi (7 bar, 0.7 Mpa) FM Approved; PTFE; 0.24 in (6mm) ID x 25 ft (7.6 m).

Air Caps

Part No.	Type	Pattern Width
197477	Round End	15-17 in (381-432 mm)
197478	Low Flow	14-16 in (356-406 mm)
197479	Tapered End	17.5-19.5 in (445-495 mm)
197480	Large Pattern	16-18 in (406-457 mm)
197481	2.0 nozzle only	16-18 in (406-457 mm)

- 185105 Non-Swivel Air Inlet Fitting**
 Replaces standard swivel. Left-hand thread.
- 245895 Agitator Accessory Kit**
 Agitator and pail cover for 5 gal (19 l) pail
- 245944 Fluid Regulator Accessory Kit**
 Air piloted fluid regulator kit that mounts directly to the unit

Gun Repair Kits

- 244781** Air Seal Repair Kit
- 244911** Fluid Seal Repair Kit

Round Pattern Kits

- Consists of fluid tip, diffuser and air cap
- 245217** 4-6 in (102-152 mm) diameter
 - 245219** 8-10 in (203-254 mm) diameter
 - 244912** Push/Pull Fan Air Valve for quick change of fan size.

Select Comfort Grips™

Snap-on grips increase handle size to reduce operator fatigue

- 245263** Medium Grip Kit
- 245264** Large Grip Kit

- 111265 Gun Valve Lubricant**
 4 oz (113g) tube of sanitary (non-silicone) lubricant for fluid seals and wear areas
- 244915 Gun Covers (box of 10)**
- 223688 Turbine Alternator Bearing Repair Kit**
- 105749 Cleaning Brush**
- 241079 Megohmmeter**
 500 Volt output; 0.01-2000 megohms. Not for use in hazardous areas.
- 186118 Safety Warning Sign**
 English warning sign. FM Approved. Available from Graco at no charge.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.
1.877.84GRACO (1-877-844-7226) or visit us at www.graco.com.

