

WB100™

Waterborne Isolation System



Model number shown: 245897

The Simple and Reliable Way to Isolate Waterborne Coatings

WB100 Features and Benefits

Features

- Rugged, reliable design
- PRO™ Xs3WB gun
- 60 KV gun voltage output
- Simple 5 gallon (19 l) pail design

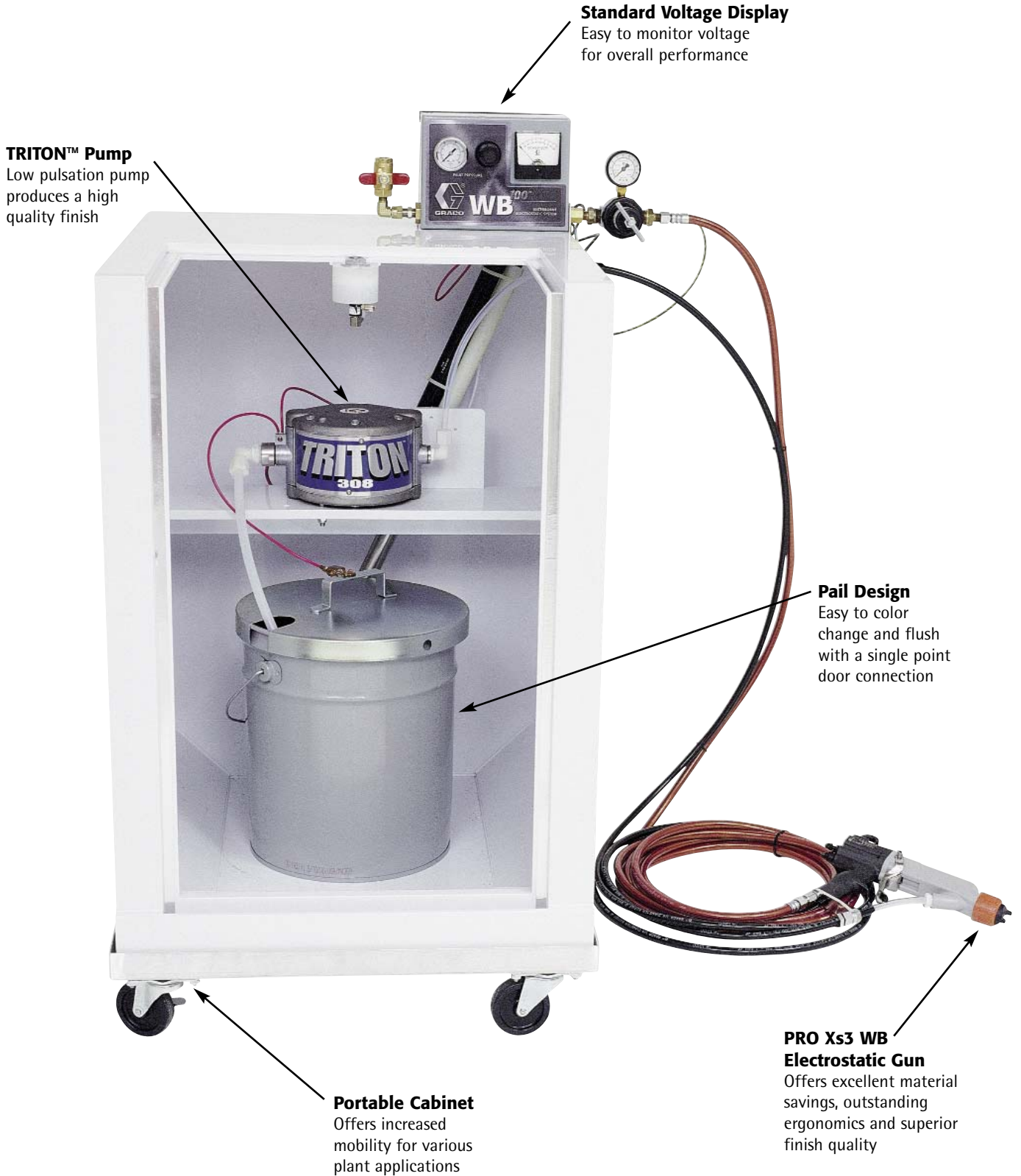
Benefits

- Reduced production downtime
- Superior finish quality and operator comfort
- Excellent material savings
- Easy to color change and flush

WB100

Simple and Reliable Waterborne Isolation System

The Graco WB100 is the dependable way to isolate waterborne coatings when spraying with electrostatic equipment.



WB100

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) OD 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

FM, CSA Approved

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

CE-EN 50059 Compliant

- Materials which cannot be ignited, in any mixture with air, by an energy source of less than 500 mJ.

Ordering Information

- 246592** WB100 Isolation System, PRO Xs3WB, Standard System includes WB100 unit, 25 ft (7.6 m) fluid and air hoses, PRO Xs3WB, standard gun
- 246593** WB100 Isolation System, PRO Xs3WB, Smart System includes WB100 unit, 25 ft (7.6 m) fluid and air hoses, PRO Xs3WB, Smart gun
- 246511** WB100 Isolation Unit only
Hoses and gun must be purchased separately



WB100

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.

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.

246431 Waterborne Fluid Hose Unshielded

Max. working pressure: 100 psi (7 bar, 0.7 Mpa)
PTFE; 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.

276867 Needle Electrode, black

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; increases 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

Warning sign. FM Approved.

Available at no charge from Graco in the languages English, French, German, Italian, Spanish.

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.

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