



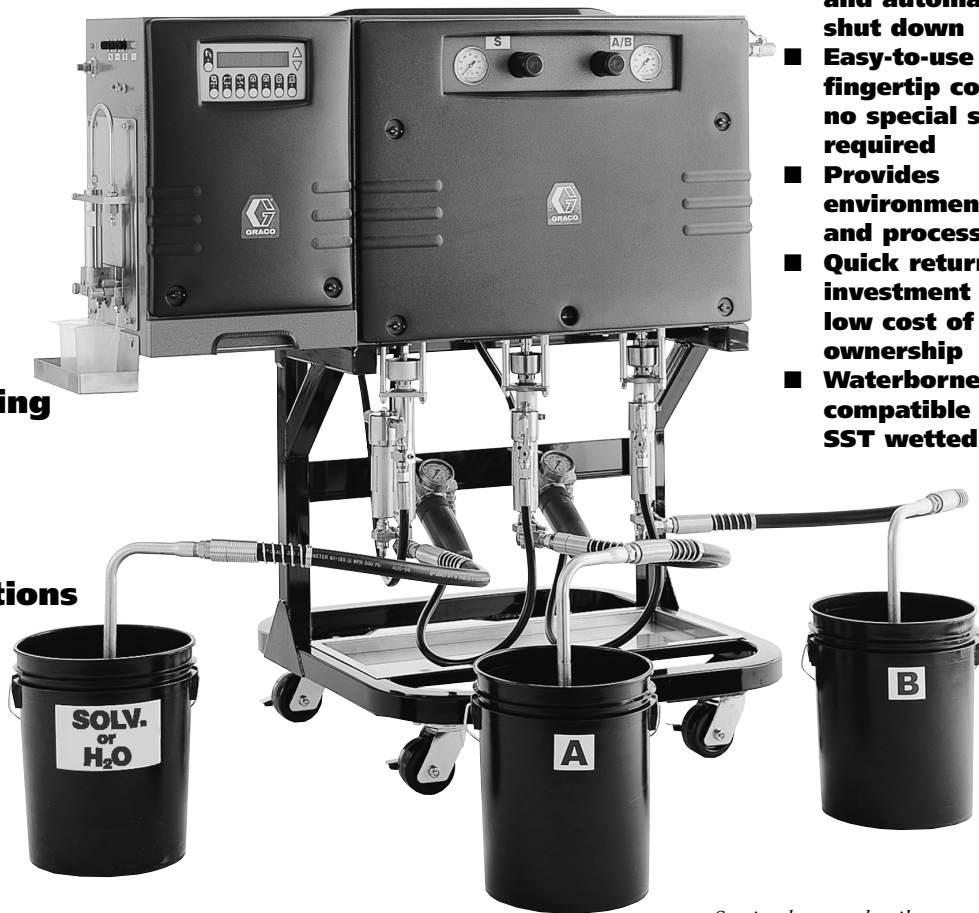
First choice when quality counts.™

ProMix™

Plural Component Paint Mixing

PACKAGES

Electronic proportioning for a wide variety of 2K applications



- **Delivers on-ratio material with an off-ratio alarm and automatic shut down**
- **Easy-to-use with fingertip control, no special skills required**
- **Provides environmental and process data**
- **Quick return on investment offers low cost of ownership**
- **Waterborne compatible on all SST wetted parts**



Suction hoses and pails are not included.

Graco's ProMix is a powerful, easy-to-use electronic plural component proportioner designed for finishing and corrosion control applications. Its user-friendly interface with intuitive, icon-driven front panel helps provide simple set-up, operation and maintenance. The standard configuration is air-driven and intrinsically safe, allowing easy integration into your existing process.

Most importantly, ProMix provides the best on-ratio accuracy in the market. With its electronic control, resins and catalysts are mixed and applied correctly every time. Material will never drift "off-ratio". Consistent on-ratio accuracy gives you the quality finish you need, decreases the need for ratio checks and minimizes process downtime. It also reduces off-ratio costs associated with re-work, scrap, missed deliveries, and warranty claims due to inferior finish quality.

ProMix is designed with the user in mind. Operators can configure and operate with a single button. System maintenance is quick and easy. No special training or skills needed.

Technical Specifications

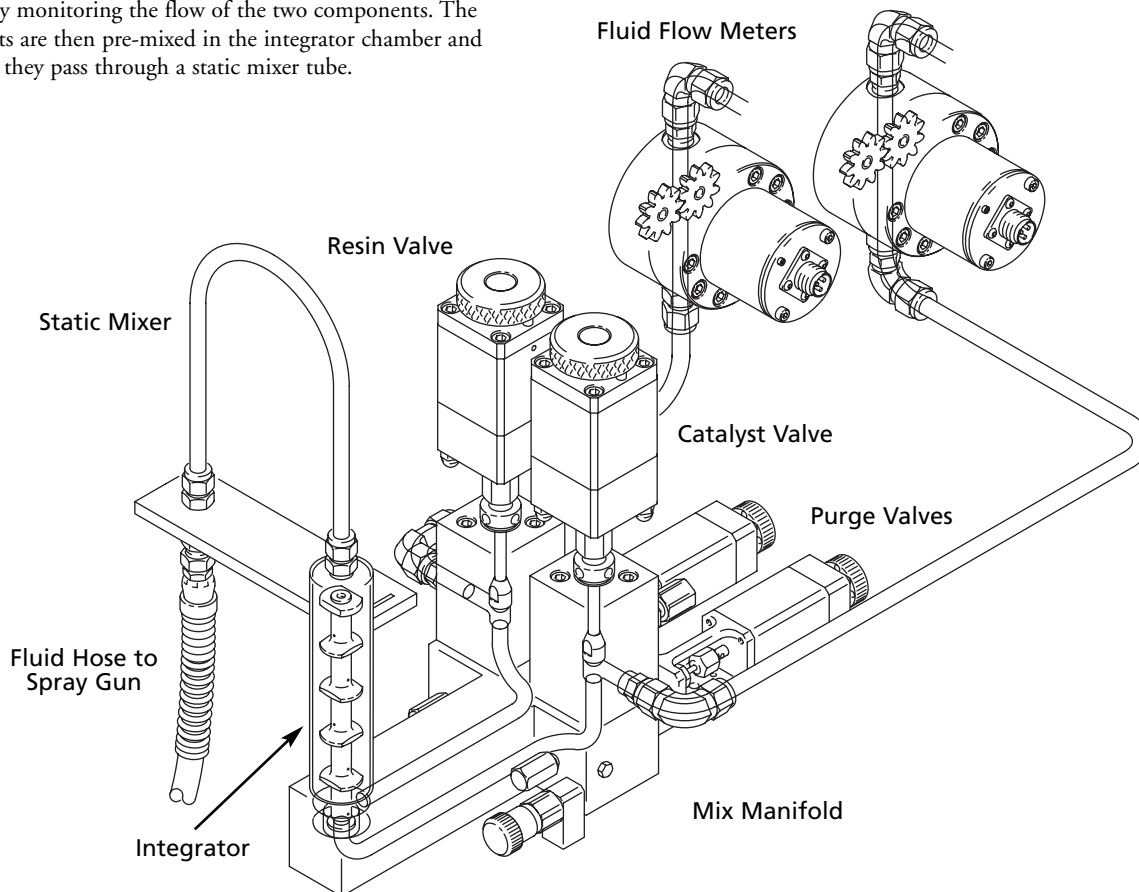
Flow rate* range	0.026 - 0.528 gpm (0.1 - 2 lpm)
Maximum fluid pressure	3500 psi (24.5 MPa, 245 bar)
Mix ratio range	1:1 to 20:1
On-ratio accuracy	± 1%
Air supply	80-120 psi (0.54-0.82 MPa, 5.4-8.2 bar)
Average air consumption of ProMix Control Unit (239-735)	
(includes air supply to the gun)	0.85 m ³ /min (30 scfm)
Maximum fluid temperature	140°F (60°C)
(potlife of material needs to be above 30 minutes)	
Operating environment temperature	41-140°F (5-40°C)
Dimensions:	
Control box (alone)	24 in. H x 19 in. W x 15 in. D 61 cm H x 48 cm W x 38 cm D
Fluid system (with control box)	54 in. H x 53 in. W x 34 in. D 137 cm H x 134 cm W x 86 cm D
Fluid system (without control box)	54 in. H x 34 in. W x 34 in. D 137 cm H x 86 cm W x 86 cm D
Sound level (239-736, 237-737, 236-239-738, 239-739)	68 dB(A)

* application dependent



Fluid Mix Manifold and Flow Meters

The fluid mix manifold and flow meters are the core of the ProMix system. The flow meters maintain the set target ratio by individually monitoring the flow of the two components. The components are then pre-mixed in the integrator chamber and blended as they pass through a static mixer tube.



More about the ProMix System

ProMix is available in Low, Medium, and High Pressure Models (*see last page of this data sheet*). Low Pressure Feed Systems are available in a variety of fluid supply units: pressure pots, Husky pail-mounts, siphon kits, President 3:1 wall-mounts, Husky drum covers, Fast-Flo drum covers, or 55 gallon (200 liter) siphon tubes. Please call your local authorized Graco distributor for assistance.

Typical Fluids Handled

- Protective or decorative coatings
- Solvent or waterborne plural component materials

Typical Applications

- Farm and construction
- Auto feeder
- Truck and bus
- Wood industries
- Aerospace
- General metal
- Rail

Accessories

System Printer

113-774 Printer

514-037 Paper Roll Refill

192-491 Printer Power Cable: Length: 25 ft. (7.5 m)

The system printer will print out individual job tickets after each dispense transaction is complete. These dispense reports can be torn off immediately or saved for later analysis.

223-688 Power Generator Repair Kit

Includes two bearings and a fan.

239-809 Caster Accessory Kit

Includes four swivel roller casters with brakes and mounting hardware.

239-811 Reference Card with Token

For setup access and available options.

239-810 Universal AC Power Supply Accessory Kit*

Includes power supply and cable.

Spray Guns

The Graco ProMix Systems can be completed with many of the Graco spray guns (except airless). Please see call your local Graco distributor to order from our wide variety of:

- air spray guns
- air-assisted airless guns
- air spray electrostatic guns
- air-assisted airless electrostatic guns
- HVLP air spray guns

* When this accessory is added to the ProMix system, the system is no longer intrinsically safe.

Ordering Information

All units offer a number of ratios from 1:1 to 20:1.

Contact your local authorized Graco distributor to recommend the right feed system for your application.

239-735 ProMix Control Unit, Stand-alone

Includes:

- electronic controller
- mix manifold,
- LED display,
- token,
- reference card,
- air filter* (for gun air supply),
- operator switch

Inputs: air, resin, catalyst and solvent.

Outputs: mixed material, alarm signals and reports.

Note: when the ProMix Control Unit is used with HVLP, air spray, or electrostatic air spray, a low pressure feed system is required.

The Medium and High Pressure Models are available as conventional or electrostatic air-assisted airless systems.

Medium Pressure Models

239-738 Without solvent pump

239-739 With solvent pump

Maximum fluid pressures: 3000 psi (20.7 MPa, 207 bar)

Includes:

- ProMix control unit
- fluid section, which includes:
 - two President 30:1 pumps (for resin and catalyst supply)
 - Monark 23:1 pump (for solvent supply**)
 - Two air regulators (one for the two President pumps and one for the solvent pump)
 - fluid filters with drain valves
- air filter and shut-off valve (for air to pumps and to purge the mix manifold)
- shut-off valve (for air to spray gun)

High Pressure Models

239-736 Without solvent pump

239-737 With solvent pump

Maximum fluid pressures: 3500 psi (24.5 MPa, 245 bar)

Includes:

- ProMix Control Unit
- fluid section, which includes:
 - Two President 46:1 pumps (for resin and catalyst supply)
 - Monark 23:1 pump (for solvent supply**)
 - Two air regulators (one for the two President pumps and one for the solvent pump)
 - Two fluid regulators (one for each President pump)
 - fluid filters with drain valves
- air filter and shut-off valve (for air to pumps and to purge the mix manifold)
- shut-off valve (for air to spray gun)

* Packages do not use this filter.

** Packages are available with or without the solvent pump and the attached solvent pump filter and drain valve.