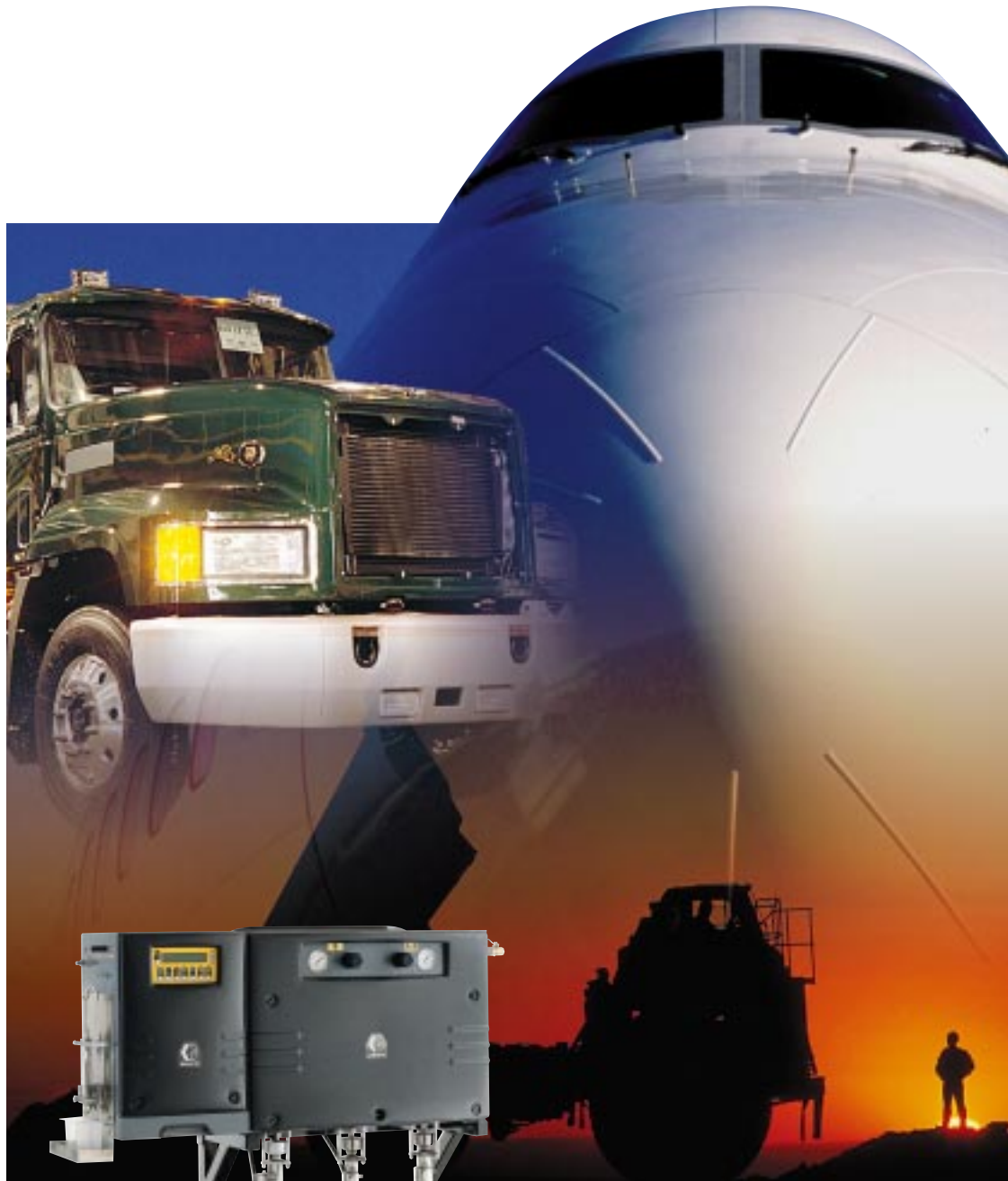




*First choice when  
quality counts.™*

# ProMix™

**Electronic  
proportioning  
for two  
component  
applications**



Compare ProMix to hand mixing or conventional mechanical proportioning methods, then

ask your local Graco Plural Component Distributor for a Return on Investment Analysis!

	<b>Hand Mixing</b>	<b>Mechanical Proportioner</b>	<b>ProMix Proportioner</b>
<b>On-Ratio Material</b>			
On-ratio accuracy	±100%	±2-5%	±1% (auto shutdown)
On-ratio assurance method	Not available	Optional accessory	Flow meters
Off-ratio automatic shutdown	Not available	Optional accessory	Standard feature
Flow measurement	Not available	Optional accessory	Standard feature
<b>Operating Productivity</b>			
On-demand mixing (fresh material)	No	Yes	Yes
Ratio change time	Operator	10-20 minutes	<1 minute
Pot life monitor, shutdown	No	No	Yes
On-line diagnostics	No	No	Yes
Ratio assurance proving	No	15 minutes	<2 minutes
Configuration and setup	15 minutes	60 minutes	5 minutes
<b>Environmental &amp; Process</b>			
Material usage report	No	Extra charge	Included
EPA & ISO compliance data	No	No	Yes
Exposure to hazardous materials	Yes	No	No
Other waste (mixes, rags, etc.)	Yes	No	No
<b>Return on Investment</b>			
Ratio assurance improvement	None	Good	Best
Wasted paint cost savings	None	Good	Best
Wasted solvent cost savings	None	Good	Best
Labor cost savings	None	Good	Best
Total savings	None	Good	Best
Yearly pay back	None	Good	Best

### So Call Graco!

Simple, continuous on-ratio assurance for your plural component application is just a phone call away.



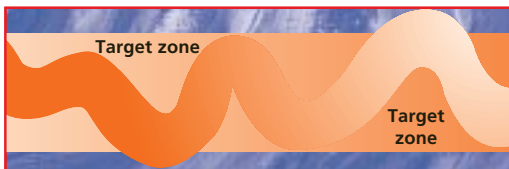
# ProMix Means Proficiency

ProMix...high ratio assurance for two component applications, such as solvent or waterborne clear coats, primers, topcoats, and lacquers.

## *Electronic Proportioner*



## *Mechanical Proportioner*



*Protective or decorative coatings for the farm and construction, bus and truck, aerospace and wood industries*

## **Delivers On-Ratio Material**

ProMix automatically maintains the mixing ratio you set within pre-defined tolerance limits, down to  $\pm 1\%$ . If these limits are exceeded, the system automatically stops production before any off-ratio material reaches your product, virtually eliminating expensive re-work. On-ratio accuracy gives you a consistent quality finish, decreases the need for ratio checks and minimizes process downtime.

## **Easy-to-Use**

Obtain high ratio accuracy in a package that is easier to install, configure and operate than any other traditional proportioner on the market. ProMix's user-friendly front panel design also facilitates quick system maintenance with the push of a button. Our intrinsically safe, air-driven package integrates into your current finishing operation with no electrical connection required.

## **Provides Environmental & Process Data**

The ProMix system measures and records individual component flows and totals of resin, catalyst and mixed materials, as well as monitors ratio performance during the reporting period. Our standard report helps support environmental regulatory compliance and ISO quality requirements by giving you the data needed to keep your plant up and running.

## **Quick Return on Investment (ROI)**

If you're currently hand-mixing or using a mechanical proportioner, you may be spending more than you should on wasted material, extra labor and off-ratio re-work costs. The Graco ProMix reduces these expenses and provides a quick ROI.



### Configurations

- Control Unit Only  
Part No. 239-735
- Medium Pressure Unit  
Part No. 239-739
- High Pressure Unit  
Part No. 239-737

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



### Features

#### On-Ratio Materials

Electronic flow metering technology provides precise, continuous on-line ratio monitoring and control of single resin, one color urethanes or epoxies

On-line ratio configuration and display

Off-ratio alarm and automatic shut down

### Benefits

- Superior finish quality
- Prevents application of off-ratio materials
- Cost savings by applying only the amount of material needed, minimizing waste and reducing hazardous waste removal
- Adapts easily to different materials and ratio accuracies
- A single button push confirms that your ratio is within tolerance
- Prevents application of off-ratio materials

#### Easy-to-Use

Icon-driven display panel

Self-contained electronics module

Configurable pot life timer and alarm

Configurable purge timer

On-line flow display

Complete on-line diagnostics

Easy front access to controls

- Easy for operators to use and understand, requiring no special skills or training
- Easy to maintain and replace - no complicated electronics
- Minimizes downtime and equipment damage from catalyzed material in your paint line
- Minimizes solvent usage when flushing
- Optimizes applicator performance to meet application needs
- Fast, accurate indication of abnormal conditions during mixing and spraying
- Quick installation and maintenance

#### Environmental and Process Data

Built-in reporting

- Provides information for environmental and ISO quality compliance requirements



- 1 Solvent Valve
- 2 Target Ratio
- 3 Actual Ratio
- 4 Ratio Tolerance
- 5 Component A Total
- 6 Component B Total
- 7 Pot Life Time
- 8 Flow Rate

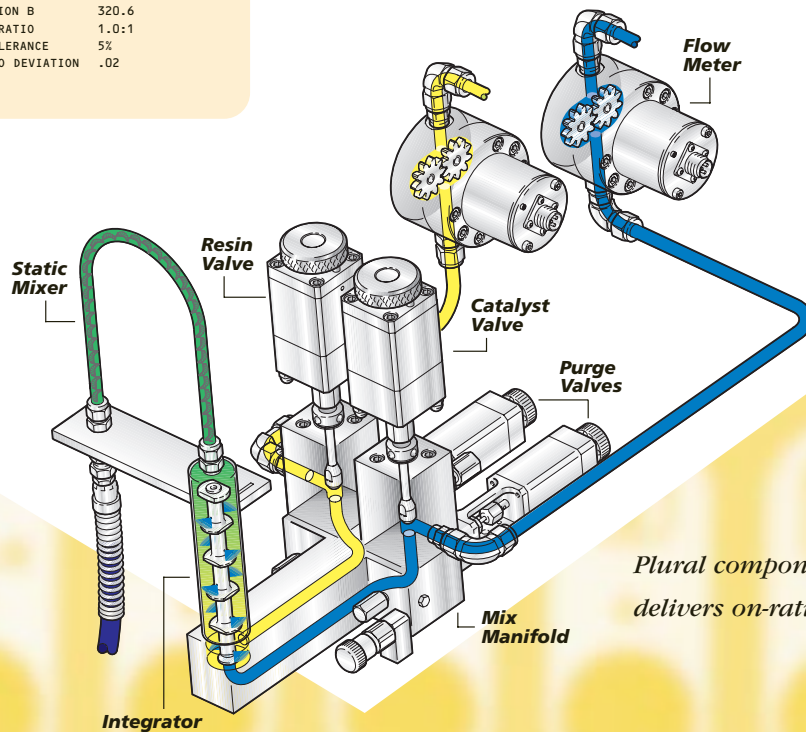


*Easy-to-Use Front Panel*

**Sample Report**

START DATE & TIME	18-04-97 09:00
END DATE & TIME	18-04-97 10:45
CONSUMPTION A	643.4
CONSUMPTION B	320.6
DESIRED RATIO	1.0:1
RATIO TOLERANCE	5%
MAX RATIO DEVIATION	.02

*Environmental  
and Process  
Data Reporting*



*Plural component mix manifold  
delivers on-ratio material*

## ABOUT GRACO

### First choice when quality counts

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The Company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with specialized distributors, Graco offers systems, products and technology which set the quality standards in a wide range of fluid handling applications including spray finishing and paint circulation, lubrication, sealants and adhesives along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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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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