



First choice when
quality counts.™

Batch Dispense System™

- **Up to 1000 pre-settable recipes, ±1/2% accuracy or better,* up to 20 different material components**
- **Electronic data collection with personal computer link for EPA or ISO reporting and inventory tracking**
- **Operator friendly, menu driven controls**
- **Minimizes operator exposure to hazardous materials**

Graco's Batch Dispense System allows the operator to quickly and accurately dispense variable batch sizes of fluids to meet different and changing job requirements. It dispenses multi-component materials with high on-ratio assurance and provides controlled access to hazardous materials such as solvents. This computer driven system links pre-programmed recipes with extremely accurate weight based metering and automatically dispenses from various material supply containers into a single batch container. As a result, the many problems associated with mixing multiple component batches using kits can be a thing of the past.

Reliable and accurate batch dispensing from bulk containers

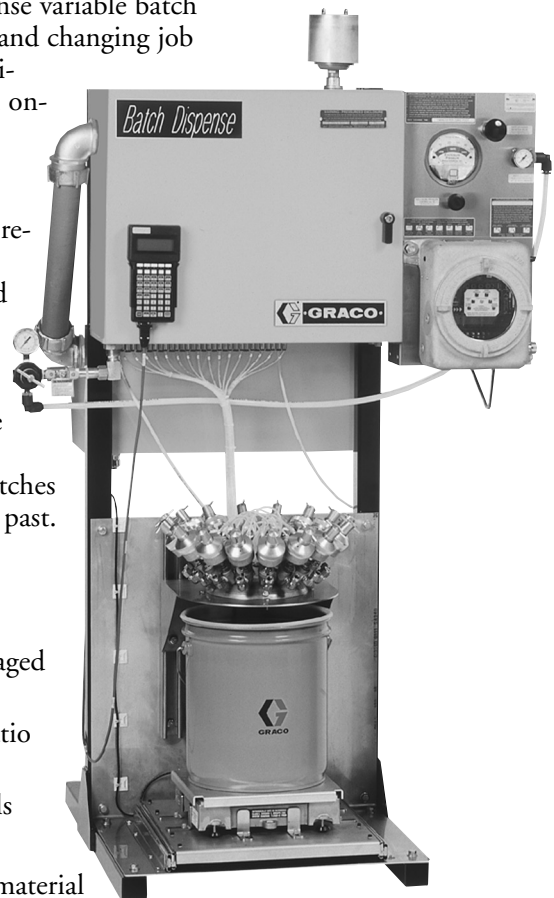
Eliminates These Costs and Tasks

- Unused portions of pre-packaged kits (waste and disposal)
- Scrap and rework from off-ratio coatings
- Manual inventory of materials

Typical Applications

- Multiple, plural component material recipes
- Custom blending of resin solvents and additives
- EPA and ISO/QS 9000 compliance reporting
- Custom color blending
- Variable sizes and small batches

*For dispenses over 13 oz. (400 cc)



Technical Specifications

Maximum components	20
Recipe storage, on board	1000
Recipe storage, PC link	Unlimited
Printer port	Standard parallel
PC link port	RS232, 9600 baud
Platform construction	Stainless steel
Maximum fluid pressure	3000 psi (2.1 MPa, 207 bar)
Electrical Requirements	110/220 VAC, 5A
Wetted components	PTFE, UHMWPE, hard chrome, stainless steel
Air Requirements	80 psi (0.54 MPa, 5.4 bar) 10 SCFM (0.37m ³ /min) Peak
Size, L x W x H	36 x 39 x 68 in. (90 x 100 x 175 cm)

Sample Batch Report

For ISO and EPA Reporting

Report ID: 000000012			
Name: Red Epoxy Prime	Operator: 21	Date: 06/06/1997	
Recipe ID: PRI1289	Job: 4587	Started: 09:10	
Kit: 1		Completed: 09:11	
Component	Target	Actual	Error
Red Resin	0.275 Qt.	0.274 Qt.	-0.2%
Catalyst	0.275 Qt.	0.274 Qt.	-0.2%
	0.550 Qt.	0.549 Qt.	-0.2%

Compare with mixing kits by hand... then ask for a return on investment analysis!

		Graco Batch Dispense System	Mixing Kits By Hand
On-Ratio Batches	Consistent, high on-ratio accuracy	Yes	No
	On-ratio tolerance limits	Yes	No
	Off-ratio notification (audible sound)	Yes	No
	Recipe conformance reports	Yes	No
	Minimum rework and scrap costs	Yes	No
Operating Productivity	Batch size equals exact usage requirement	Yes	No
	Minimum material preparation time	Yes	No
	Dispense when needed	Yes	No
	Purchase materials in bulk	Yes	No
Environmental and Process	Minimum material waste	Yes	No
	Minimum container and waste disposal costs	Yes	No
	Minimum exposure to hazardous materials	Yes	No
	EPA or ISO data reporting	Yes	No

Standard Features

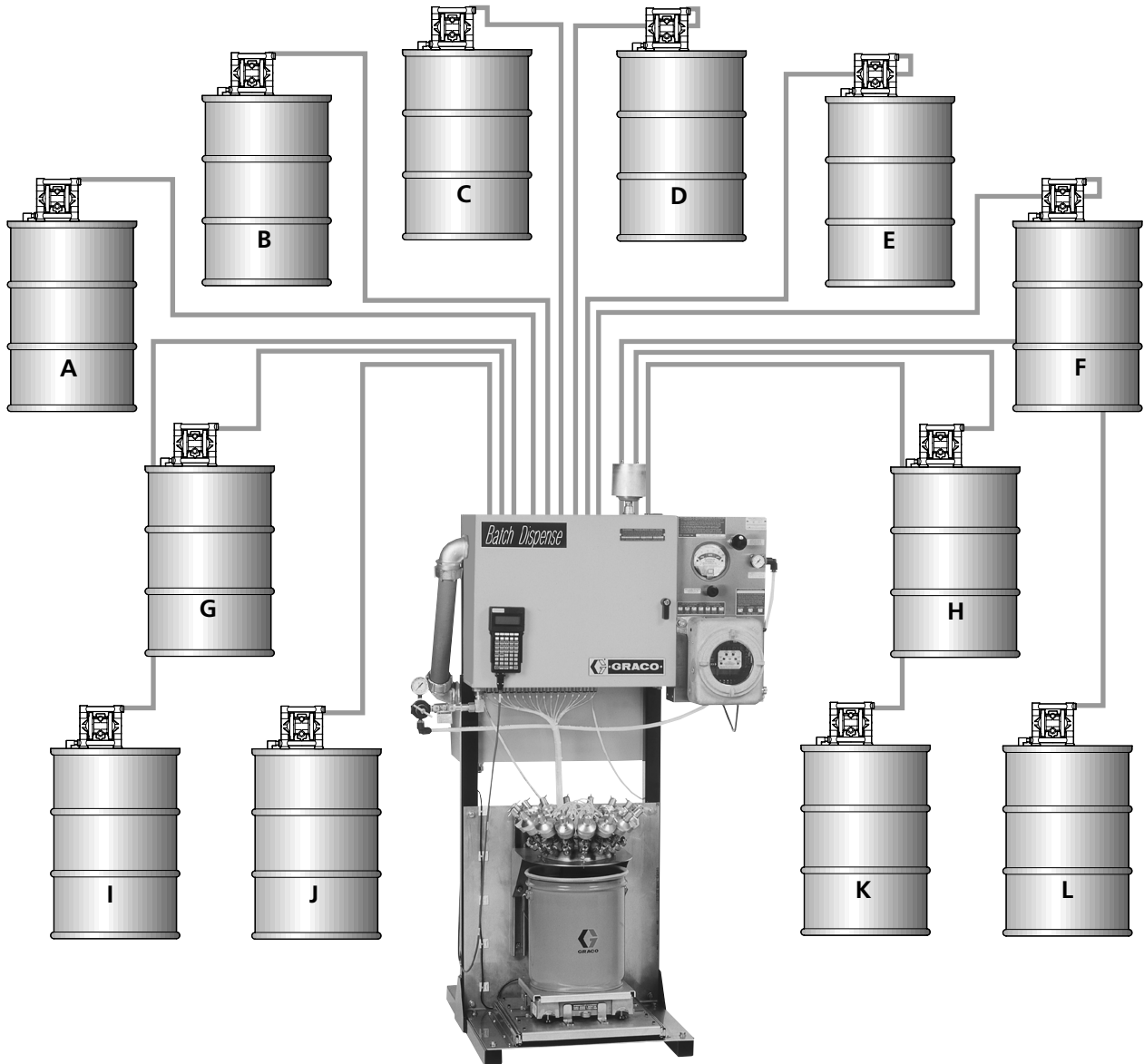
- Delivers up to $\pm 1/2\%$ accuracy or better*
- Auto calibration for individual materials
- PC Link Software Included
- Reports: Target vs. Actual Dispense, Process Usage, Inventory Levels, Operator/Job/Time & Date tracking
- Programmable accuracy settings per material
- Selectable unit display: quarts, liters, pounds, kilograms
- Container capacity of 1 quart cups to 5 gallon pails
- No manifolds to flush or mixers to dispose
- Monitors on-hand inventory of each material
- Dispenses 5 gallons in 5-8 minutes

*For dispenses over 13 oz. (400 cc)

Available Options

- Air Purge Control (Type X) for class 1, division 1, group C&D environments
 - Report or label printer
 - Platforms for 55 or 200 gallon batches
 - Mix station with timer
 - High flow dispensing 2-10 gpm (7.5-38 lpm)
 - Fluid Supply Modules: Husky™ double diaphragm pumps, air powered piston pumps, pressure pots, moisture protection, agitation/circulation, regulation/filtration.
- See Graco datasheet number 305-880.

Example System Configuration



Batch Dispense Needs Assessment Worksheet

Fax this page to Graco for engineering assistance: 612-378-3541.

Customer Information:

Company Name: _____

Primary Business: _____

Contact: _____

Address: _____

City, State/Province, Zip Code: _____

Batch Dispense Information:

Potential primary use of Batch Dispense:

- Plural Component Coatings
Do you currently buy plural components in "kit" form?
 Yes No
- Custom Color Mixing
___ Number of components/colors used
___ Number of batches mixed per shift
- Other primary use: _____

Typical size of batch

- 2 quart (1.9 liter) or less
- 2 quart to 5 gallon (1.9 to 19 liter)
- 5 gallon to 55 gallon (19 to 200 liter)
- 55 gallon (200 liter) or more

Comments or questions about your Batch Dispense needs:

This product is a Graco Engineered Application Solution (EAS). It will be custom designed and engineered to meet your exact application needs. Please contact Graco EAS at 612-379-3640 or fax at 612-378-3541 for engineering assistance and quotation development information.