



# ProDispense™

Electronic Fluid Dispense and Meter System



PROVEN QUALITY. LEADING TECHNOLOGY.

# Flexible Configurations, Flexible Locations

Whether managing one fluid or up to eight, operating from hazardous or non-hazardous locations, ProDispense gives you total control

## CONSISTENT DISPENSE

- Deliver the exact volume of fluid every time
- Dispense one fluid or many fluids at a time

## MULTIPLE DISPENSE OPTIONS

- Station (manual) mode: Dispense activated by operator
- Recipe (automatic) mode: Recipe controls order and amount of fluid dispensed
- Combination dispense: Recipe includes automatic and station mode dispense



## WIDE DISPENSE RANGE

- 10 cc to hundreds of gallons dispensed with an accuracy of  $\pm 1$  percent or less

## EASY INTEGRATION

- Local or integrated control
- Connects to PLC and barcode scanners
- Network data collection



## FLEXIBLE CONFIGURATION

- Each fluid control module manages two fluid panels
- System manages up to eight fluids



## FLEXIBLE LOCATION

- Wired Remote Operator Station for activation in non-hazardous locations
- Wireless Remote Operator Station for activation in hazardous locations



## FLUID PANELS DESIGNED FOR A VARIETY OF MATERIALS

Seven fluid panel configurations allow for a wide range of material, viscosity and flow rates

### Vehicle Fluid Dispense

- Oil
- Brake fluid
- Coolant
- Power steering fluid
- Transmission fluid
- Windshield washer fluid

### Dispense Applications

- Paint/solvent
- Grease
- Hydraulic fluids
- Injection mold release
- Dye injection
- Adhesive



G3000 Meter Fluid Panel  
for grease and paint



Oil Meter Fluid Panel  
for lubricants and oil



Helical Gear Meter Fluid Panel  
for high viscosity fluids

# Fast and Accurate Dispensing

Graco's ProDispense is a cost-effective and user-friendly electronic system that dispenses preset amounts of fluids. The ProDispense system allows durable goods manufacturers to quickly and accurately fill cavities with oil, grease, water or other industrial fluids in assembly line environments, where accurate dispensing is essential. ProDispense can deliver up to eight different fluids at multiple dispense points and accurately measure volume.

## Operating Precision

User interface provides simple operation and data entry. Each dispense will deliver the correct fluid volume or the system will alarm.

- Full color display shows dispense status
- Progress of each fluid and overall recipe dispense
- Recipes programmed to specific fluid, volume target and dispense order



Advanced Display Module (ADM)

## DISPENSE RECIPES FLEXIBILITY

- Up to 50 dispense recipes
- Up to 10 items per recipe, including specific fluid and timed dispense pause

# Fluid	Target	Tolerance	Timeout	Order
1	0.50 gal	2%	0 sec	1
2	100 cc	1%	0 sec	2
3	60 sec	1%	0 sec	3
4	250 cc	1%	0 sec	4
5	0 sec	1%	0 sec	5

## MATERIAL TRACKING

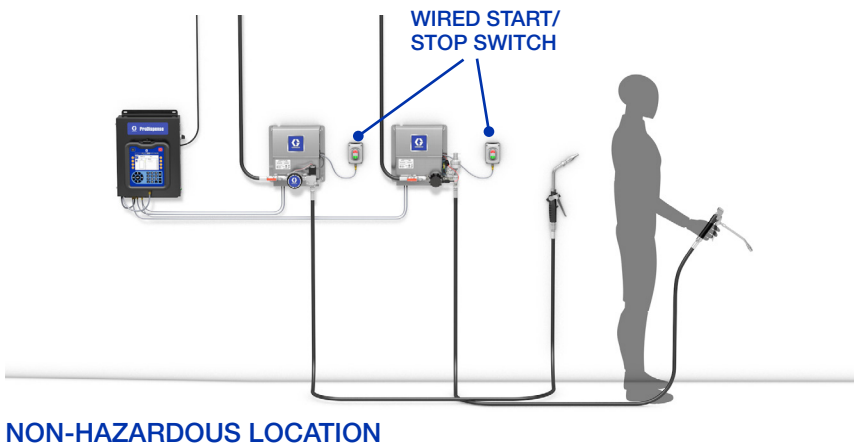
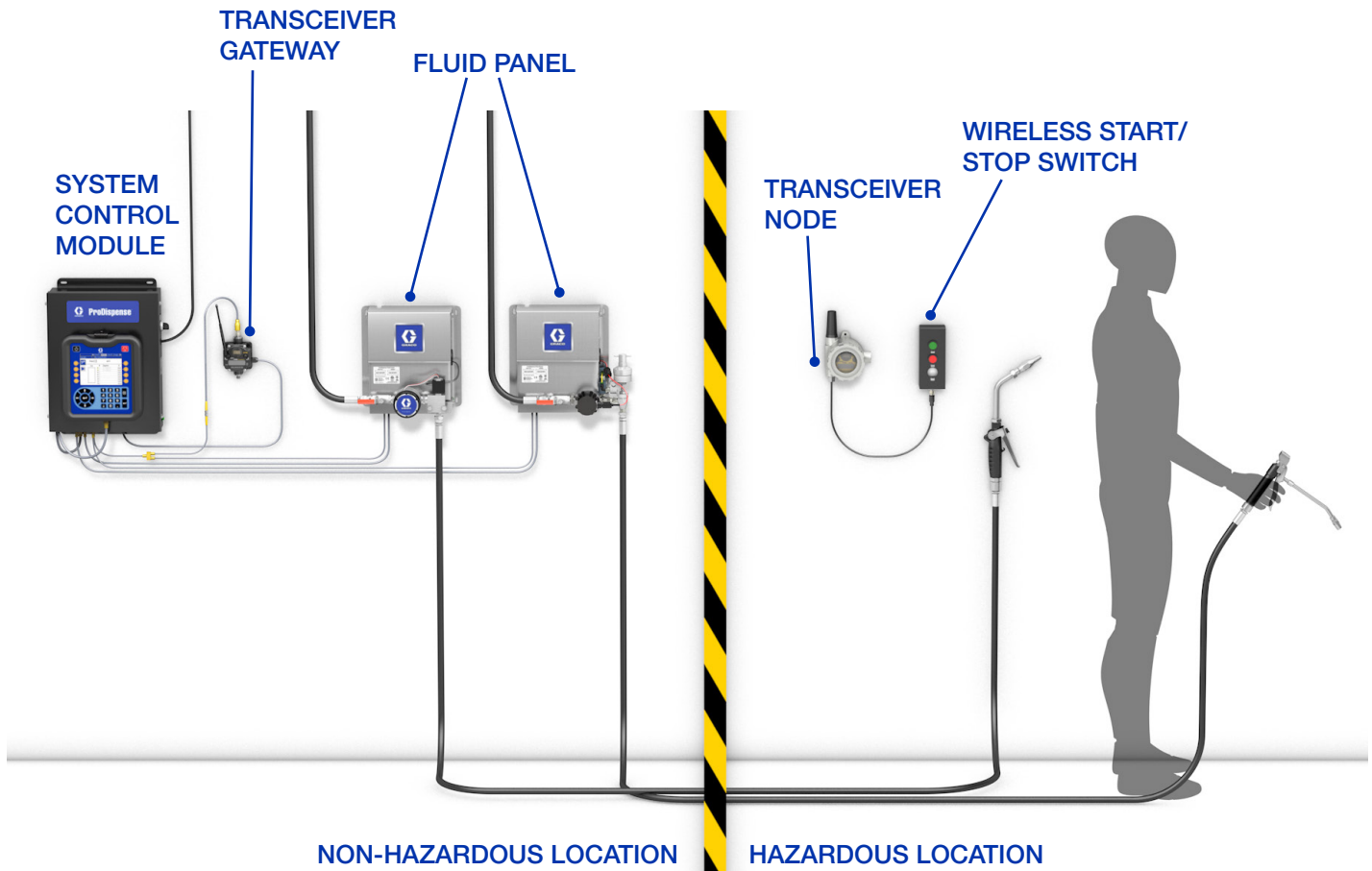
- Each dispense key data is recorded with date and time stamp
- Reporting capability tracks volume, usage and dispense results for process verification
- Job logs and error reports can be seen on screen or downloaded to USB memory

Date	Time	Location	Usage
06/02/17	09:24	IPD Lab	00171 3 3 800 cc
06/02/17	09:24		00171 3 2 501 cc
06/02/17	09:23	1236589g	00170 0 1 151 cc
06/02/17	09:18	IPD Lab	00169 2 3 500 cc
06/02/17	09:18		00169 2 2 804 cc
06/02/17	09:18	1236589g	00168 2 1 501 cc
06/02/17	09:13	IPD Lab	00168 2 3 100 cc
06/02/17	09:13		00168 2 2 151 cc
06/02/17	09:13	1236589g	00168 2 1 104 cc
06/01/17	14:56	IPD Lab	00167 3 3 100 cc

# Operate ProDispense from Remote Location

## For recipe mode only

With the optional wireless start/stop module, ProDispense can be activated by an operator in a hazardous location, such as a spray booth. This allows for fluid panels to be separated in the non-hazardous area without wired connections. The wireless start/stop module is easy to install. No explosion-proof conduit and wiring is needed within hazardous location.



## For recipe mode or individual station dispense mode

With the optional wired start/stop switch, ProDispense can be activated remotely by an operator in a non-hazardous area.

# Ordering Information

## Build Your Own System

### 1 Select a Module

Part Number	Description
26A070	System Control Module Assembly (including 1 Advanced Display Module (ADM), 1 Fluid Control Module [26A134] which controls 2 fluid panels)
26A134	Fluid Control Module (FCM) expands base system by 2 fluid panels. Up to 3 modules can be added to each base system. Additional FCM needed only if more than 2 fluid panels need to be controlled

### 2 Select a Fluid Panel\*

Part Number	26A129	26A131	26A130	26A132	26A165	26A247	26A071
Meter Name	Oil Meter	Grease/Paint Meter (G3000 Meter)	Water Meter	Helical Meter	Solvent (S3000 Meter)	Coriolis Meter	No Meter
Application	Oil / Lubricant	Grease / Paint	Water / Antifreeze	High viscosity	Solvent	Sheer sensitive	
Fluid Type	10 wt oil to #2 grease	Wide viscosity, high accuracy	Light viscosity, average resolution	Wide viscosity, high accuracy	Light viscosity, high accuracy	Wide viscosity, high accuracy	
Flow Rate Range	0.25 - 4 gpm (0.95 - 15.2 lpm)	0.02 - 1 gpm (0.076 - 3.8 lpm)	0.25 - 4 gpm (0.95 - 15.2 lpm)	0.04 - 6 gpm (0.15 - 22.7 lpm)	0.01 - 0.25 gpm (0.05 - 0.95 lpm)	0.005-1.6 gpm (0.019 - 6.06 lpm)	End user provides pulse meter. See manual 3A3469 for operating parameters.
Viscosity	4.1 - 2000 cps	20 - 3000 cps	1 - 20 cps	30 - 1,000,000 cps	20 - 500 cps	20 - 5000 cps	
Accuracy	±1% on dispenses over 500 cc	±1% on dispenses over 12 cc	±1% on dispenses over 2500 cc	±1% on dispenses over 27 cc	±1% on dispenses over 3 cc	±1% on dispenses over 7 cc	
Resolution	4.73 cc/pulse	0.119 cc/pulse	25 cc/pulse	0.273 cc/pulse	0.020 cc/pulse	0.062 cc/pulse	
Working Pressure	1500 psi (103 bar)	3000 psi (207 bar)	250 psi (17 bar)	3000 psi (207 bar)	3000 psi (207 bar)	2300 psi (158 bar)	3000 psi (207 bar)
Porting Sizes	Inlet: 1/2" npt(f) Outlet: 1/2" npt(f)	Inlet: 1/4" npt(f) Outlet: 3/8" npt(f) Air Inlet: 1/4" npt(f)	Inlet: 1/2" npt(f) Outlet: 1/2" npt(f)	Inlet: 1/4" npt(f) Outlet: 3/8" npt(f) Air Inlet: 1/4" npt(f)	Inlet: 1/4" npt(f) Outlet: 3/8" npt(f) Air Inlet: 1/4" npt(f)	Inlet: 1/4" npt(f) Outlet: 3/8" npt(f) Air Inlet: 1/4" npt(f)	Outlet: 3/8" npt(f) Air Inlet: 1/4" npt(f)
Manual	3A3469	3A3469	3A3469	3A3469	3A3469	3A3469	3A3469

\*System can be configured for 8 fluid panels

### 3 Select Accessories (System Set up)

Part Number	Description
26A133	Remote Operator Station (Remote Start/Stop) Includes 50 ft (15 m) cable
26A243	Upgrade Junction Box Kit Upgrades legacy ProDispense panel to new controller
255468	Light Tower
26A369	Gateway Token Kit*
26C266	Wireless Start/Stop Module (including Transceivers, Connecting Cables, Start/Stop Switch, Cable Adapter and Splitter)

\* check if gateway kit requires token kit

Part Number	Gateway Kits
24W462	ModbusTCP (no Gateway Token Kit needed)
CGMDNO	DeviceNet®
CGMEPO	EtherNetIP®
CGMPNO	PROFINET®



## ABOUT GRACO

## PROVEN QUALITY. LEADING TECHNOLOGY.

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 qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing 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.

## GRACO LOCATIONS

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## SALES/ DISTRIBUTION/ SERVICE

Call today for product information or to request a demonstration.

**877-84GRACO (1-877-844-7226)** or visit us at [www.graco.com](http://www.graco.com).

Graco Inc. is registered to I.S. EN ISO 9001

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