



PRODISPENSE™

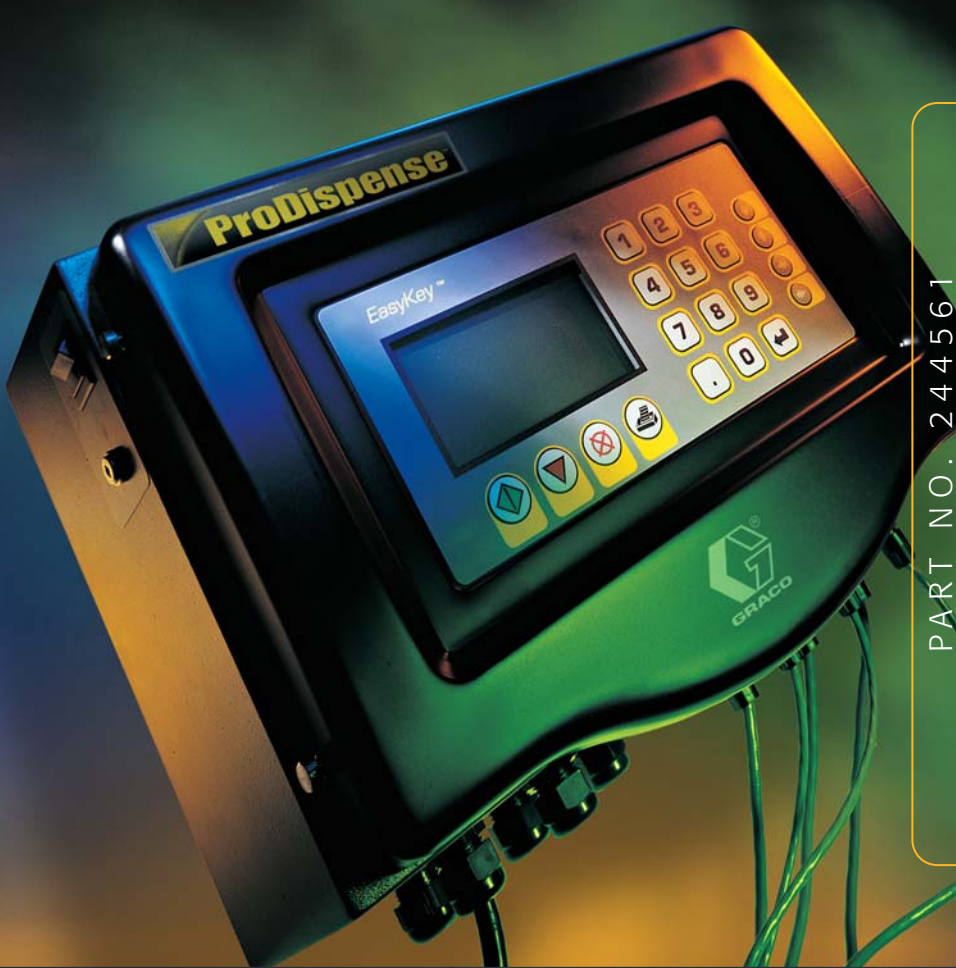
Accurately and quickly dispenses preset amounts of oil, grease and water



FINISHING

PROVEN QUALITY. LEADING TECHNOLOGY.

Fast and Accurate Dispensing



PART NO. 244561

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 or water in assembly line environments where accurate dispensing is essential. ProDispense can deliver up to three different fluids at multiple dispense points, and accurately measure flow.

- 250 Recipes
- Reporting capability tracks volume and usage
- Return on investment assures that ProDispense quickly pays for itself
- EasyKey™ pad provides simple operation and data entry
- Manual or automatic dispense
- User-friendly FloSync™ Controller menu navigation

Key Applications

Construction Equipment
Farm Equipment
Lawn and Garden
Furniture Manufacturing
Engine Manufacturing: Truck & Bus,
Motorcycle, Lift Truck/Forklifts

Compatible Fluids

Radiator Fluid	Power Steering Fluid
Crankcase Oil	Brake Fluid
Grease	Transmission Fluid
Inks	Windshield Wash
Lacquers	Hydraulic Fluids



ProDispense System Components

Easy Installation

Installation is easy and integrates seamlessly with other Graco pumps.

FloSync™ Controller

Provides user-friendly menu navigation and data input.

EasyKey™ pad

Large keys and universal icons allows for easy data entry.

Remote Operator Station

Stop

Start

Manual/
Automatic
Dispense

50 extra feet of cable allows the controller to be in a room separate from the fluid panels

OIL

Flow rate .25-4 gpm (.95-15 lpm)
Viscosity range 10 wt oil - #2 grease
Accuracy ± 1/2 % on dispenses over one gallon

Resolution 4.73 cc/pulse
Working pressure 1500 psi
Porting sizes
Inlet 1/2" npt(f)
Outlet 1/2" npt(f)

GREASE

Flow rate .2-1 gpm (.76-3.8 lpm)
Viscosity range 20 - 5000 cps
Accuracy ± 3% on dispenses over 12 cc

Resolution .119 cc/pulse
Working pressure 3000 psi
Porting sizes
Inlet 1/4" npt(f)
Outlet 3/8" npt(m)
Air inlet 1/4" npt (f)

WATER, ANTIFREEZE

Flow rate .25-4 gpm (.95-15 lpm)
Viscosity range 1 - 20 cps
Accuracy ± 3% on dispenses over one gallon

Resolution 25 cc/pulse
Working pressure 250 psi
Porting sizes (inlet) 1/2" npt(m)
(outlet) 1/2" npt(m)

Set up and operate the system in four easy steps!

Easy Recipe Set-up

1

EasyKey™

	Fluid1	Fluid2	Fluid3
Target Amount	001.50	003.75	025.00
	Gal	Qt	oz

Type in 0 for target amount if fluid is not used for this recipe.

System Fluids **Recipes** Meters

Easy Fluid Set-up

2

EasyKey™

	Fluid1	Fluid2	Fluid3
Units of Measure:			
1=cc 2=oz 3=Qt	1	2	3
4=Ltr 5=Gal			
Tolerance (%)	4	5	3
Timeout Value (min)	10	20	10
K-factor (cc/pulse)	04.730	00.119	25.000

System **Fluids** Recipes Meters

Monitor Dispenses

3

EasyKey™

	Fluid 1	Fluid 2	Fluid 3
Target	001.50 gal	003.75 qt	025.00 oz
Actual	001.50 gal	003.75 qt	025.00 oz
Tolerance %	4	5	3
Deviation %	0	0	0

Run Totals Alarms

Dispense Total Summary

4

EasyKey™

Fluid #	Resetable	Grand
1	000100.0 gal	001000.0 gal
2	002000.0 gal	020000.0 gal
3	030000.0 gal	300000.0 gal

Last Reset
Date: 27/03/01
Time: 15:20

Press ENTER and CLEAR to reset totals.

Run **Totals** Alarms

1 Easy Recipe Set-up

- Delivers up to three different fluids at multiple dispense points simultaneously
- Dispense quantities as low as 1 oz (30 cc)
- 250 different recipes to choose from

2 Easy Fluid Set-up

- Recipe set-up options are available in standard or metric units
- Multiple panel options provide the ability to dispense virtually any material

3 Monitor Dispenses

Accurately measure and select dispense quantities three ways:

- Manual
- Preset recipe
- Bar code system

4 Dispense Total Summary

- On screen reporting or printed reports are available to track daily usages

ProDispense pays for itself!

Return-on-Investment

Use this exclusive return-on-investment analysis tool to see exactly how much your manufacturing process currently costs you, where there is waste, and best of all, how quickly a Graco ProDispense pays for itself.

	Manual Fill Typical Scenario	ProDispense Typical Scenario	Manual Fill Calculator	ProDispense Calculator
Tank Capacity	4 gal	4 gal		
Time to Fill Tank	10 min	1 min		
	X	X	X	X
Worker Compensation	\$50/hr or 85¢/min	\$50/hr or 85¢/min		
	X	X	X	X
Cycles Per Day	10	10		
	=	=	=	=
Total Labor Cost	\$85	\$8.50		
	X	X	X	X
Working Days Per Year	250	250		
	=	=	=	=
Annual Cost	\$21,250	\$2,125		
	-		-	
	=		=	
	Typical Savings with ProDispense: \$19,125		Your Savings with ProDispense: \$	

Additional Benefits

- Improved quality as a result of increased dispense accuracy.
- Less rework and warranty claims.

Ordering Information

244561 ProDispense FloSync™ Controller
Choose one to three fluid panels.
Order feed equipment separately.

Standard Fluid Panels

- 244599 Oil Fluid Panel**
- 244600 Water Fluid Panel**
- 244601 Grease Fluid Panel**

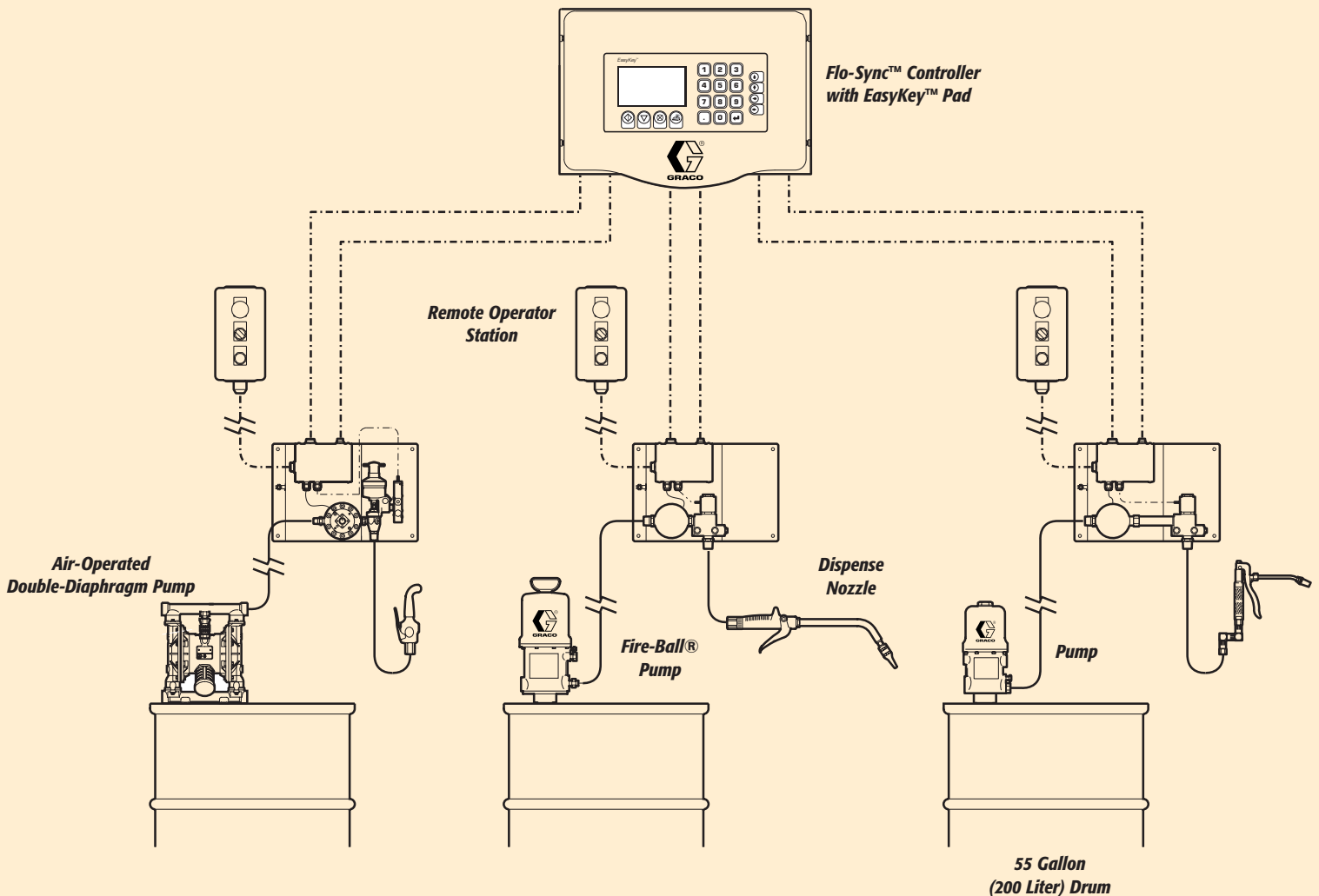
Special Fluid Panels

- 246839 Helical Meter Panel**
For high viscosity materials
- 246837 G3000HR Meter Panel**
For small dispenses
- 246838 No Meter**
For unique applications where special fluid monitoring is required. Meter must be ordered separately.

Accessories

- 239873 Printer Kit**
Includes 113774 printer and 25 ft. (7.6 m) 192491 power cable
- 514037 Printer Paper**

ProDispense Typical Installation



Note: Feed pumps and dispense assemblies provided by distributors.

Technical Specifications

Power Requirements

Electrical 85-265 VAC .25 amp maximum
50 or 60 Hz

Materials

Number of fluids 1-3 fluids

Totalizers

Last dispense All 3 materials
Resettable All 3 materials
Grand All 3 materials

Recipes

Quantity 250

Dimensions (controller only)

Weight 12.5 lb. (5.67 kg)
Height 12 in. (30.5 cm)
Width 22.2 in. (56.4 cm)
Depth 10 in. (25.4 cm)
Display size 2.40 in. (6.1 m) x 4.40 in. (11.1 m), 128 x 240 pixels

Fluid Stations

Cable lengths (for all fluid panels)

Meter signal 50 ft. (15.24 m)
Solenoid signal 50 ft. (15.24 m)
Remote operator station 10 ft. (3.05 m)

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Approvals

ETLul
ETLc
CE

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 which 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.

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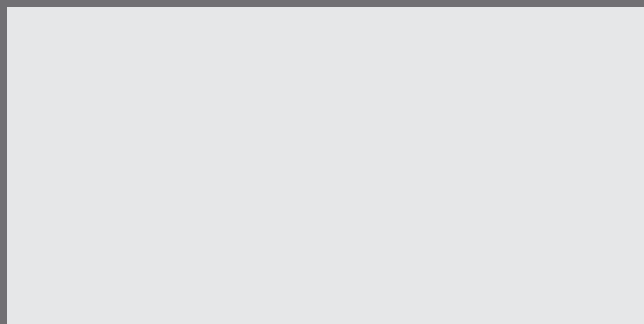
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