



Matrix Total Fluid Management System

Automated, wireless oil dispense tracking and bulk tank monitoring



PROVEN QUALITY. LEADING TECHNOLOGY.

Save Time and Materials with Matrix

Automatic Fluid Management

The Matrix Total Fluid Management System provides automated tracking and monitoring plus state-of-the-art dispensing for complete control of your fluid inventory. Save time, gain billable hours and maximize your fixed operation's profitability with Matrix.



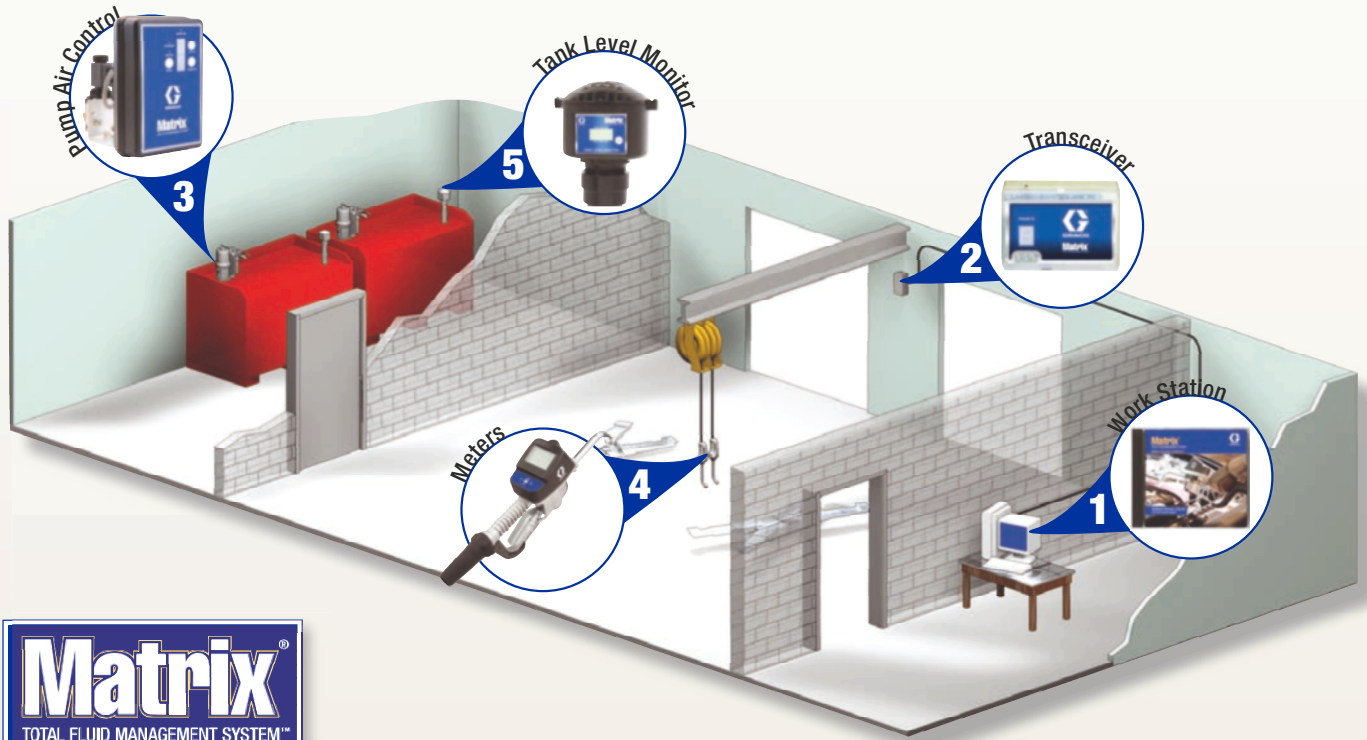
Automate Your Fluid Dispense:

- t Reduce progress time and move more vehicles through your shop
- t Reduce human error and inventory shortage
- t Automatically post fluid dispenses to the work order
- t Eliminate out-of-stock problems and over-fill tank issues - Matrix can automatically email fluid levels to oil suppliers and oil recyclers
- t Interfaces provide secure, reliable data transfer between Matrix and the management software - *in progress*



Ideal for car dealerships, truck dealerships, off-road maintenance shops, including mining and construction, fleet facilities, fast lubes, service shops and in-plant applications

Fluid dispense and **inventory control** at your **fingertips** for petroleum, synthetic oil products and anti-freeze mixtures



5 Steps to Choose Your System

- 1 **Select Application Software**
Matrix offers three software platforms using the Matrix meter including Premier, Professional and Basic.
- 2 **Include a Transceiver**
Sends and receives information from the meters, Tank Level Monitors and Pump Air Control to the work station.
- 3 **Security with the Pump Air Control**
Supplies air to the pump only when Matrix authorizes the dispense.
- 4 **Performance of the Matrix Meter**
The Matrix Meter dispenses fluid and communicates dispense information wirelessly to the PC.
- 5 **The Time-Saving Tank Level Monitor**
Ultrasonic signal accurately measures fluid levels and communicates to used oil recyclers or bulk fluid suppliers.

Tracking dispenses right to the work order saves time and eliminates lost inventory



Matrix Application Features

Feature	Basic	Professional	Premier
Maximum Number of Transceivers	1	2	8
Maximum Number of Meters	30	100	300+
Maximum Number of Tank Monitors	0	12	50
Client PC Networking	0	6	300
Number of users	250	500	1000
Basic Reporting	X		
Comprehensive Reporting		X	X
Tank Level Email		X	X
Third Party Interface Capable		X	X
Track Dispense by Technician		X	X
Track Dispense by Vehicle Number			X

Note: All products have no fluid limit and are oil bar capable.

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Choose the level of reporting and data you need, from basic to comprehensive. If your requirements change, it's easy to upgrade later.

MATRIX SOFTWARE INTERFACE

Part Nr	Description
256634	Premier software CD
256635	Professional software CD
256636	Basic software CD
256637	Premier with ADP Interface
256638	Premier with Reynolds Interface



Choose a transceiver and the connecting hardware for your shop layout to wirelessly send and receive information from your bulk tanks, pumps and meters.

TRANSCEIVER AND CONNECTION HARDWARE

Part Nr	Description
255231	Transceiver w/universal power adapter*
255731	USB/RS422 converter
15T999	USB Cable transceiver
15T998	USB Cable transceiver
119572	RS422 bulk wire (305m)

*Minimum one required



One PAC required for each air pump. For safety and increased security, the PAC is a must have to maximize your fluid management system. Designed to supply air to the pump only when Matrix authorizes the dispense.

PUMP AIR CONTROL (PAC)

Part Nr	Description
247436	93 scfm valve for pump mount



Choose one TLM for each bulk fluid tank. Tank readings are automatic for used or new oil and anti-freeze products.

TANK LEVEL MONITOR (TLM)

Part Nr	Description
256285	Tank Level Monitor



Decide how many meters per work bay, which fluids you want to dispense and which extension type to use. High flow options are available to move more fluids faster.

MATRIX ELECTRONIC DISPENSE METER 18,9 LPM OR LESS

Part Nr	Description
256282	1/2 in npt(f) swivel with rigid extension and standard automatic non-drip quick-close nozzle for oil
256482	1/2 in npt(f) swivel with flexible extension and standard automatic non-drip quick-close nozzle for oil
256483	1/2 in npt(f) swivel with gear lube extension and standard quick-close nozzle
256484	1/2 in npt(f) swivel with rigid extension and standard quick-close nozzle for anti-freeze
256485	1/2 in npt(f) swivel with flexible extension and standard quick-close nozzle for anti-freeze

MATRIX ELECTRONIC DISPENSE METER 53 LPM OR LESS

Part Nr	Description
256486	1/2 in npt(f) swivel with rigid extension, high flow, quick-close nozzle for oil
256487	1/2 in npt(f) swivel with flexible extension, high flow, quick-close nozzle for oil
256488	3/4 in npt(f) swivel with rigid extension, high flow, quick-close nozzle for oil
257120	3/4 in npt(f) swivel with flexible extension, high flow, quick-close nozzle for oil

Notes

A series of horizontal lines for writing notes, starting from the top of the page and extending to the bottom.



ABOUT GRACO

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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Graco is certified ISO 9001.

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