NON-METERED GREASE CONTROL HANDLES

413 080

Grease control guns
Steel and aluminum high pressure control gun with ergonomic grip. Maximum working pressure: 7140 psi. Inlet thread: 1/4"NPTF, outlet thread: 1/8" NPTF

NEW Model 413 077 - Grease control gun
OLD Model 1113
Grease control gun with rigid stem and 3 jaw connector (1124). 1/4"NPTF inlet.

NEW Model 413 080 - Grease control gun
OLD Model 1115-2
Grease control gun with rigid stem, 3 jaw connector (1124) and Z swivel (1105).

Model 413 081 - Grease control gun
Grease control gun with double steel braid reinforced rubber hose (140050) and 3 jaw connector (1124).

Model 413 082 - Grease control gun
Grease control gun with double steel braid reinforced rubber hose (140050), 3 jaw connector (1124) and Z swivel (1105).

IN LINE GREASE METER

Model 411 103 - In line grease meter
High pressure oval gear meter with digital display. Batch displays in ounces (up to 9999 oz) and permanent totalizer in pounds (up to 999999 lb). Batch display reset button. The meter can be easily calibrated in the field for maximum accuracy.

Works with two 1.5 V AAA alkaline batteries. Maximum pressure: 7140 psi (500 bar). Maximum flow range: up to 4.4 lb/min (2 Kg/min). Precision: ± 3,0 %. Inlet outlet connections: 1/8" NPTF.

DIGITAL-METERED GREASE CONTROL HANDLE

Model 1177 - High pressure digitally metered grease control handle
A grease control handle fitted with a high pressure in-line meter, model 411 103. This digital meter allows for better accuracy in greasing applications. Included is a double steel braid reinforced hose with a 3-jaw hydraulic connector, and Z-swivel, model 1105, with 1/4" NPTF inlet.

GREASE CONTROL GUN SWIVELS

To handle grease hoses easily even at high pressure. For best results, use a straight swivel between the pump and distribution hose and a Z swivel between the hose and grease control gun. Maximum working pressure: 7000 psi (500 bar).

Model 1109 - Straight grease swivel. 1/4" NPTM x 1/4" NPTF

Model 1105 - "Z" grease swivel. 1/4" NPTM x 1/4" NPTF

Model 1104 - "Z" grease swivel. 1/4" NPTM x 1/2" x 27 M

Model 1108 - "Straight" grease swivel. 1/4" NPTM x 1/2" x 27 M

Model 414 200 - "L" grease swivel. 1/4" x 1/4" NPTF

1105   1108

DOUBLE STEEL BRAID GREASE OUTLET HOSES

Double steel braid safety rubber hoses for use with air operated greasing equipment. Maximum working pressure: 7000 psi (500 bar). 1/8" NPTM threads.

Model 142 020 - Steel braid outlet hose with 3 jaw connector. 10" long.
Model 142 030 - Steel braid outlet hose with 3 jaw connector. 12" long.
Model 142 040 - Steel braid outlet hose with 3 jaw connector. 16" long.
Model 142 050 - Steel braid outlet hose with 3 jaw connector. 18" long.
Model 142 200 - Steel braid outlet hose with 3 jaw connector. 30" long.

Model 140 020 - Steel braid outlet hose. 10" long.
Model 140 030 - Steel braid outlet hose. 12" long.
Model 140 040 - Steel braid outlet hose. 16" long.
Model 140 050 - Steel braid outlet hose. 18" long.
Model 140 200 - Steel braid outlet hose. 30" long.

HIGH PRESSURE GREASE CONNECTORS.

For use with air operated pumps or hand greasing units on hydraulic type nipples (DIN 71412). Connector head, contact surface and jaws manufactured in hardened steel. Maximum working pressure: 7000 psi (500 bar). Connection thread: 1/8" NPTF.

Model 1124 - 3 jaw high pressure grease connector.
Model 121 000 - 3 jaw high pressure narrow connector.

1124   121 000

RIGID GREASE OUTLETS

High-pressure grease outlet stems for use in air-powered greasing applications.

Model 1122 - Angled pipe outlet with 1124 coupler 1/8" NPTM
Model 1120 - Angled pipe outlet 1/8" NPTM x 1/8" NPTM

1122

STANDARD VOLUME NON-METERED OIL CONTROL HANDLES

Aluminum body, non-metered oil control gun with ergonomically-designed handle. Buna-N rubber valve with progressive operation for comfortable operation even using 10:1 pumps. All guns include a ball bearing inlet swivel and conical fluid inlet screen.   Maximum working pressure: 1500 psi (105 bar). Maximum delivery: 6.6 gpm (25 l/min). Fluid inlet thread: 1/2" NPSM (F).

MODEL NO.	APPLICATION	OUTLET TYPE	NOZZLE TYPE
1130	Gear oil	110º rigid swiveling	Manual
1132		None; handle w/ swivel only	None
1134	ATF (transmission fluid)	Straight flexible	Manual
1171	Oils	60º Angle rigid	Semi automatic
1173	All types of lubricants	Flexi hose w/ 90º swivel stem	Manual

1130

MEDIUM VOLUME NON-METERED OIL CONTROL HANDLE

Model 363 088 - Medium flow non-metered oil control handle
Aluminum body, non-metered oil control gun with ergonomically-designed handle. Buna-N rubber valve with progressive operation for comfortable operation even using 10:1 pumps. All guns include a ball bearing inlet swivel and are fitted with a high flow rigid outlet and semi-automatic non drip nozzle (1189). Maximum working pressure: 1500 psi (105 bar). Maximum delivery: 8 gpm (25 l/min). Fluid inlet thread: 1/2" NPSM (F).

NON-METERED HANDLE FOR WINDSHIELD WASH AND COOLANT MIXES

Model 186 300 - Non-metered handle for windshield wash and coolent mixes
Control gun with composite body and stainless steel valve mechanism for use with fluids like windshield washer, glycol solution and other water based fluids. Includes inlet swivel and flexible outlet with 90º stem. Maximum working pressure: 570 psi (40 bar). Maximum flow: 4 gpm (15 l/min). Inlet threads 1/2" NPSM (F).

186 300

OIL BARS & ACCESSORIES

Model OB-1 - One tap oil dispensing bar

Model OB-2 - Two tap oil dispensing bar

Model OB-3 - Three tap oil dispensing bar

Model OB-4 - Four tap oil dispensing bar

Model 361 110 - Outlet kit to add a tap to existing bars

Model 366 550 - In-line digital meter kit for oil bars

Model 949 001 - Hose connector kit. Includes 2' connection hose, 1/2" NPTMBE swivel, and 1/2" NPTFBE medium pressure ball valve

STANDARD VOLUME DIGITAL METER CONTROL HANDLES

2162

Oval gear hose end meter with digital display for measured delivery of lubricants up to SAE 140. Meter is powered by two easily replaceable AAA 1.5 V alkaline batteries. This meter has a resettable batch display in quarts, a resettable totalizer in gallons and a permanent totalizer in gallons. Meters are factory calibrated but for maximum accuracy they can easily be calibrated in the field. The meter is flange coupled to a durable but lightweight oil control gun that incorporates a rugged ball bearing inlet swivel with an inlet filter. All hose end meters are supplied with a protective rubber shroud.

Maximum working pressure: 1500 psi (105 bar). Oil flow range: 1.3 to 5.25 gpm (5 to 20 l/min). Fluid inlet thread: 1/2" NPSM (F).

MODEL NO.	APPLICATION	OUTLET TYPE	NOZZLE TYPE
2159		No outlet; handle w/ meter and swivel only	None
2161	Motor oil	60º angle rigid	Semi automatic
2162	All lubricants	Flex hose w/ 90º swivel stem	Manual
2165	ATF/Oils	Straight flexible	Manual
2163	Gear oil	110º angle rigid swiveling	Manual

MEDIUM VOLUME DIGITAL METER CONTROL HANDLE

365 088

Model 365 088 - Medium flow digitally-metered control handle
Oval gear digital meter for measured delivery of lubricants up to SAE 140. Meter is powered by two easily replaceable AAA 1.5 V alkaline batteries. This meter has a resettable batch display in quarts, a resettable totalizer in gallons, and a permanent totalizer in gallons. Meters are factory calibrated but for maximum accuracy they can easily be field-calibrated.

Maximum working pressure: 1500 psi (105 bar). Oil flow range: 8 gpm. Fluid inlet thread: 1/2" NPSM (F).

Includes a 2159 metered control handle with a high-flow 60º angle rigid outlet, non-drip tip (1189), protective shroud and 1/2" NPSM (F) threads.

HIGH VOLUME DIGITAL METER CONTROL HANDLES

365 652

Model 365 652 - High flow digitally-metered control handle
Oval gear hose end meter with digital display for measured delivery of lubricants up to SAE 140. Meter is powered by two easily replaceable AAA 1.5 V alkaline batteries. This meter has a resettable batch display in quarts, a resettable totalizer in gallons, and a permanent totalizer in gallons. Meters are factory calibrated but for maximum accuracy they can easily be calibrated in the field. The meter is coupled to a high delivery oil control gun that incorporates a rugged ball bearing inlet swivel with an inlet filter and 60º rigid outlet with semi automatic non drip nozzle. All hose end meters are supplied with a protective rubber shroud.

Maximum working pressure: 1500 psi (105 bar). Maximum flow range: up to 6.5 gpm (25 l/min). Fluid inlet thread: 3/4" NPSM (F).

Model 1193 - Highest flow digitally-metered control handle (not shown)
Model 2122 high flow 3/4" NPTF digital meter replaces standard model 2100 digital meter.

DIGITAL METER CONTROL HANDLE FOR WATER BASE FLUIDS

Model 365 675 - Digital-metered control handle for fluids
Oval gear hose end meter with digital display for measured delivery of fluids such as windshield washer, glycol solution and other water based fluids. Meter is powered by two easily replaceable AAA 1.5 V alkaline batteries. The meter has two separate displays in quarts, a resettable 4 digit batch display and a permanent totalizer in gallons. Meters are factory calibrated but for maximum accuracy they can easily be calibrated in the field. The in-line meter is coupled to a fluid control handle, model 186300.

Maximum working pressure: 570 psi (40 bar). Flow range: 5 to 1.3 to 4 gpm (15 l /min). Fluid inlet thread: 1/2" NPSM (F).

STANDARD VOLUME MECHANICAL OIL CONTROL HANDLES

1546

Oval gear meter with mechanical, odometer style display for use with lubricants up to SAE 140. Partial reading up to 999.9 quarts and non-resettable totalizer registers in gallons. Meters are factory calibrated for maximum accuracy and include protective rubber shroud. The meter is flange coupled to a durable but lightweight oil control gun that incorporates a rugged ball bearing inlet swivel with filter.

Maximum working pressure: 1000 psi (70 bar). Oil flow range: 0.26 to 7.1 gpm (1 to 27 l/min). Fluid inlet and outlet threads: 1/2" NPSM (F).

Models

PART NO	APPLICATION	OUTLET TYPE	NOZZLE TYPE	UNIT
1540		None; handle w/ meter and swivel only	None	qts/gals
1541		None; handle w/ meter and swivel only	None	liters
1544	ATF/Oils	Straight flexible	Manual	qts/gals
1545	ATF/Oils	Straight flexible	Manual	liters
1546	All lubricants	Flex hose w/ 90º swivel stem	Manual	qts/gals
1547	All lubricants	Flex hose w/ 90º swivel stem	Manual	liters
1548	Motor Oil	60º angle rigid	Semi automatic	qts/gals
1549	Motor Oil	60º angle rigid	Semi automatic	liters

IN-LINE OIL METER-ODOMETER STYLE MECHANICAL

Oval gear meter with mechanical, odometer style display for use with lubricants up to SAE 140. Partial reading up to 999.9 quarts and non-resettable totalizer registers in gallons. Meters are factory calibrated for maximum accuracy and include protective rubber shroud.

Maximum working pressure: 1000 psi (70 bar). Oil flow range: 0.26 to 7.1 gpm (1 to 27 l/min). Fluid inlet and outlet threads: 1/2" NPSM (F).

Model 1500 - Oval gear in-line meter with mechanical register – quarts / US gallons.
Model 1501 - Oval gear in-line meter with mechanical register – liters.

IN-LINE OIL METER-DIGITAL

Model 2100 - Digital in-line oil meter

Oval gear meter with digital display. For use with lubricants up to SAE 140. Meter is powered by two easily replaceable AAA 1.5 V alkaline batteries. This meter has a resettable batch display in quarts, a resettable totalizer in gallons, and a permanent totalizer in gallons. Meters are factory calibrated but for maximum accuracy they can easily be calibrated in the field. Meter can count in liters, quarts, pints or gallons.

Maximum working pressure: 1500 psi (105 bar). Oil flow range: 1.3 to 5.25 gpm (5 to 20 l/min). Fluid inlet and outlet threads: 1/2" NPSM (F).

HIGH FLOW IN LINE METERS: OILS, DIESEL & GLYCOL-BASED FLUIDS

366 725

Oval gear in line meters with digital display. The meter has two separate displays in quarts, a resettable 4 digit batch display and a 6 digit permanent totalizer in gallons. Meters are factory calibrated but for maximum accuracy they can easily be calibrated in the field.

366 726

Meters are compatible with lubricants up to SAE 140, diesel and glycol solutions.

Model 366 725 - High flow in line meter - 13.2 gpm
Works with two AAA alkaline batteries.
Maximum working pressure: 1000 psi (70 bar)
Maximum working temperature: 140º F (60º C)
Flow range: minimum flow rate 1.45 gpm (5.5 l/min); maximum flow rate 13.2 gpm (50 l/min)
Accuracy: +/- 0.5 %
Pressure drop: 7 psi (0.5 bar)
Inlet and outlet threads: 1/2" NPSM (F)

Model 366 726 - High flow in line meter - 26.4 gpm
Works with two AAA alkaline batteries.
Maximum working pressure: 430 psi (30 bar)
Maximum working temperature: 140º F (60º C)
Flow range: minimum flow rate 2.5 gpm (9.5 l/min); maximum flow rate 26.4 gpm (100 l/min)
Accuracy: +/- 0.5 %
Pressure drop: 7 psi (0.5 bar)
Inlet and outlet threads: 1" NPSM (F)

2122

Model 2120 - High flow in line meter - 20 gpm
In-line 1/2" meter for special fluids, coated aluminum body and LCP oval gears.

Model 2122 - High flow in line meter - 20 gpm
3/4", 1500 psi. Meters in pints, quarts, liters or gallons. Rated to 1500 psi. 3/4" NPTF inlet and outlet threads. Runs on 2 N (1/2 AA) batteries.

2124

Model 2124 - High flow in line meter - 30 gpm
1", 1500 psi. Meters in pints, quarts, liters or gallons. Rated to 1500 psi. 1" NPTF inlet and outlet threads. Runs on 2 N (1/2 AA) batteries.

Model 2199 - Heavy duty preset digital meter

Electronic oval gear digital preset meter with 60° rigid outlet pipe, semi automatic nozzle and 1/2" NPTF screened inlet. Can be programmed to dispense in quarts, liters, pints, and gallons. A 5-digit LED shows accuracy to a hundredth of a gallon. Uses 4 replaceable AA batteries. Pre-calibrated at the factory, it is also easily field-calibrated if necessary.   Can handle engine oil, gear oils up to SAE 140, antifreeze solution and hydraulic fluids.

Maximum working pressure: 1000 psi. Maximum flow rate: 8 gpm. Preset up to 99.9 units. Not suitable for outdoor use.

TRADITIONAL MECHANICAL OIL METERS

Traditional Mechanical Pistol Grip Series

This family consists of a count-up meter and a preset batch meter, both with mechanical dials. These meters are extremely durable for both indoor and outdoor applications. Fluid inlet: 1/2" NPSM (F); outlet: 1/2" NPTF. Flow rate up to 4 gpm. Includes model 1129 swivel. Rated to 1000 psi.

Manual versions with locking trigger:

Model 1147:   8 Pint dial oil meter with pint totalizer, 1131 Gear Oil rigid outlet included.
Model 1148 : 16 Quart dial oil meter with gallon totalizer, 1141 Oil rigid outlet included.
Model 1149 : 16 Quart dial oil meter with gallon totalizer, 1135 ATF flex hose included.
Model 1150 : 16 Liter dial oil meter with liter totalizer, 1141 oil rigid outlet included.

1148

Pre-set Mechanical Versions:

Model 1152 : 60 Quart dial meter with gallon totalizer, 1141 oil rigid outlet included.
Model 1153 : 60 Gallon dial meter with gallon totalizer, 1141 oil rigid outlet included.
Model 1154 : 16 Quart dial meter with gallon totalizer, 1141 oil rigid outlet included.
Model 1155 : 60 Liter dial meter with liter totalizer, 1141 oil rigid outlet included.

TRADITIONAL MECHANICAL INLINE METERS

Oscillating piston design for rugged dependability; for use with SAE 5 to 140 oils or glycol solutions. 1/2" NPTF inlet/outlet, 1000 psi max.

Model 1196:   8 Pint dial, totalizes in pints. For use with oils only.
Model 1197:   16 Quart dial, totalizes in gallons. For use with oils only.
Model 1198:   16 Liter dial, totalizes in liters. For use with oils only.
Model 1199:   16 Gallon dial totalizes in gallons.   For antifreeze applications.

CONTROL HANDLE ACCESSORIES

1131

1135

1128 / 1126

1139

CONTROL HANDLE OUTLETS

Outlets for 1500 and 2100 Series Digital Meters

MODEL NO.	APPLICATION	OUTLET TYPE	NOZZLE TYPE
1131	Gear oil	110º rigid swiveling	Manual
1135	ATF (transmission fluid)	Straight flexible	Manual
1126	All types of lubricants	Flexible with swiveling 90º stem	Semi automatic
1128	All types of lubricants	Flexible with swiveling 90º stem	Manual
1139	Motor oil	60º rigid	Semi automatic
1141	Motor oil	Staight rigid, Nozzle type	Semi automatic

Outlet for all high-volume flow control handles

MODEL NO.	APPLICATION	OUTLET TYPE	NOZZLE TYPE
1189	Lubricants, high delivery	60º rigid	Semi automatic

1138

1137

369 205

Non drip nozzles

Model 1138	Semiautomatic non drip nozzle.
Model 1137	Manual non drip nozzle
Model 736 522	Semiautomatic high flow non drip nozzle for high volume outlet. For use with 365 652, 366 888, 1192 and 1193 high delivery hose end meters.
Model 369 205	90º angled adapter for use with 1137 manual operated non drip nozzles.

1127

Swivels

Model 1123	3/4" NPTF oil inlet swivel for aluminum high-flow handle. For use with 365 652, 366 888, 1192 and 1193 high delivery hose end meters.
Model 1127	1/2" NPTF oil inlet swivel for use in 1500 and 2100 series handles. For use with Samson hose end meters.
Model 1129	1/2" NPTF oil inlet swivel for use with model 2199 preset meter. For use with preset meters and other standard 1/2" inlet meters.

SAMSON

This powerful console is designed for the shop that wants simple control of their fluids. The IMC offers ease of operation, great value, and several features not previously available in this category of control console. This category of console works with a pulser at the pump and solenoid control at the dispense point allowing only one dispense point per product to be operated. Samson's unique IMC is the perfect field replacement for this type of competitive console.

STANDARD FEATURES

- Controls one or two products
- Inventory management on a declining balance
  - ❍ Allows initial inventory to be entered
  - ❍ Deducts each dispense
  - ❍ Manager enters each delivery
  - ❍ Alerts when inventory level is low
- When controlling two products, allows simultaneous dispense of both products
- Controls one to ten dispense points
- Allows one air outlet to be controlled so that air is only available during service operating hours
- Maximum quantity for preset dispense: 999 quarts
- Maximum quantity for free flow dispense: 999 quarts
- Maximum number of users: 200
- Two operation levels
  - ❍ User: able to only order a dispense
  - ❍ Manager: able to set inventory levels and perform management functions
- Three languages: English, Spanish, French
- Allows selection of US measurement (quarts) or metric (liters) measurement
- Key fob reader for use with optional key fob

OPTIONAL FEATURES

- PC interface with USB or Serial Port and IMS software
  - ❍ Displays tank inventory levels
  - ❍ When inventory level is low, alerts vendor via email
- External printer
- Allows connection of a two channel level sensor for used fluids; sounds alarm when tank is full
- Optional key fob for activation instead of PIN

REPLACEMENT FOR COMPETITIVE CONSOLE

- Drop in replacement in most instances
- Works with most pulsers
- In most instances, uses same pulser wire
- Works with AC or DC solenoids
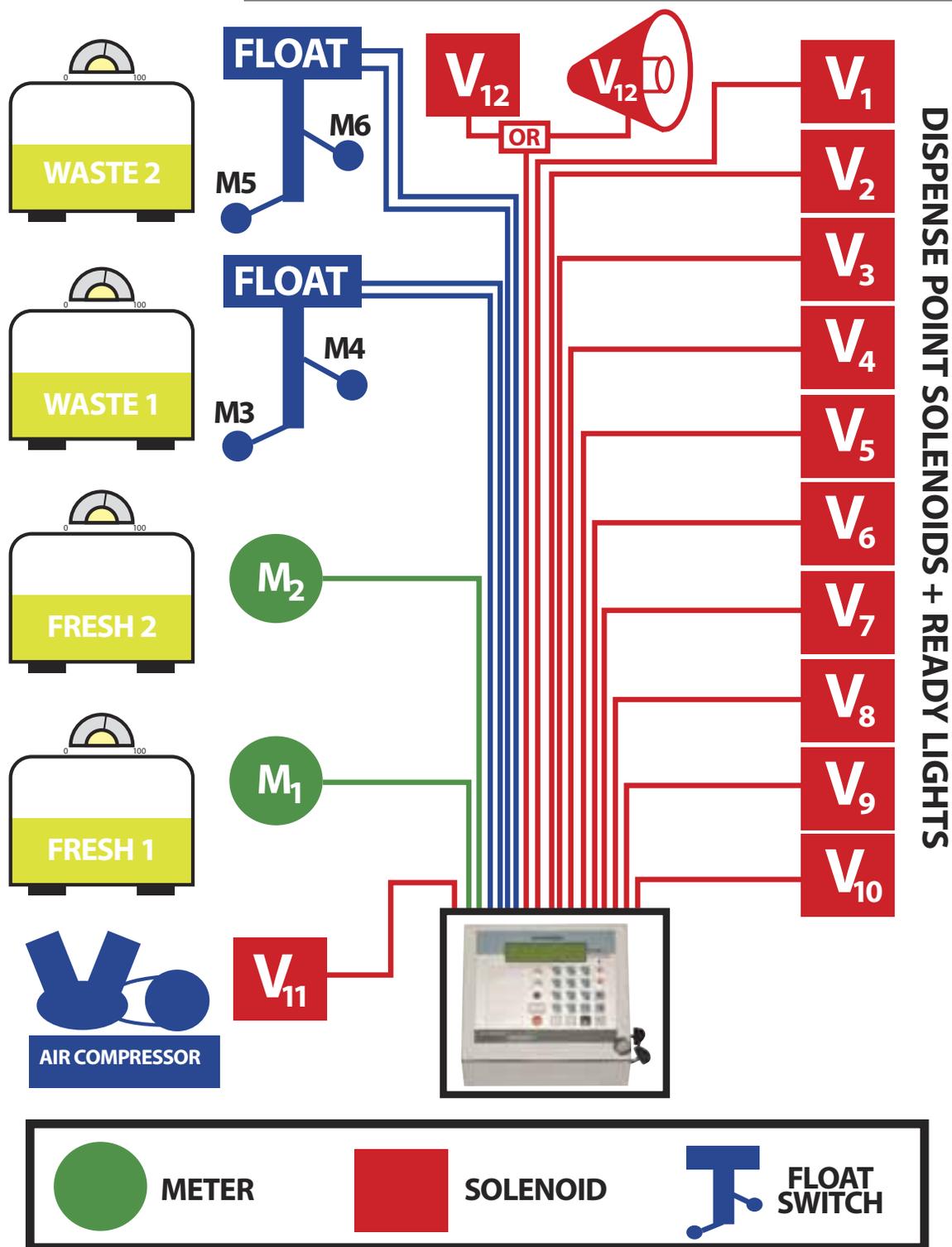- In most instances, uses same solenoid wire

SYSTEM PACKAGES

381192 One product: one dispense point console for stand alone use with one pulser and one dispense point kit

381193 Two product: two dispense point console for stand alone use with two pulsers and two dispense point kits

381194 One product: one dispense point console with PC interface, software & USB cable with one pulser and one dispense point kit

381195 Two product: two dispense point console with PC interface, software & USB cable with two pulsers and two dispense point kits

INDIVIDUAL COMPONENTS

381190 Console for stand alone use

381191 Console with PC interface, software & USB cable

380201 External printer

381400 Single channel alarm for used fluid tank

381401 Two channel alarm for used fluid tank

381158 Flashing red light for remote alert

381161 Dispense point kit: includes solenoid, filter, ready light and connection swivels in one convenient box

DISPENSE POINT SOLENOIDS + READY LIGHTS

METER	SOLENOID	FLOAT SWITCH

M3, M5, M6:   High level alarms that sound an alarm on the console and display alarm in window of console

M6:   High level alarm that sounds an alarm on the console, displays alarm in window of console, and sends current to V12 for controlling an air solenoid on evacuation pump

V11:   Programmable timer for controlling air supply to pumps

Fluid management in today's shops poses several challenges. As the size of the shop increases, properly dispensing and controlling fluids challenges older systems and equipment. Additionally, the increased cost of today's lubricants and the popularity of synthetics place a higher demand for the proper accounting of lubricant usage.

Samson is proud to lead the industry with our proven offering of inventory management products. From the simplest entry level console to sophisticated computerized management systems, we can help address the proper management of both new and used fluids.

A new concept:
THE ADVANCED MONTORING SYSTEM

The Advanced Monitoring System (AMS), the software at the heart of our Inventory Management System (IMS), has been installed in several thousand facilities around the world. Based on our experience in the design of systems for fluid monitoring and the management of workshop activities, we have brought true innovation to an old concept. Through this experience and innovation, we have created a system designed to improve profitability through controlled fluid distribution and work-order accountability.

The Inventory Management System's ease of integration allows you to design any size installation using a minimum number of components, even adaptable down to a single-point dispense system. The modular design of the IMS makes it easy to install even the largest of systems, including more than 100 fluid outlets. It allows the integration of complementary functions, such as remote displays, stock level detectors, volumetric measuring probes, control access points and the automatic scheduling of any "on/off" function. This modular structure enables us to focus on adapting the equipment for the specific needs of each individual installation, reducing your cost, while guaranteeing the possibility of future evolution should new needs arise.

The network technology utilized by the IMS is the CANBUS network, which was originally developed to manage all of the functions of an automobile through one single cable. This technology gives the system a unique simplicity of installation, while offering the highest accuracy and speed of communications. CANBUS networks are used throughout industry, whenever a highly reliable network is required.

IMS KEYPAD

The IMS system can act as a stand alone system or be interfaced with a computer in the shop. Keypad may be mounted in the shop to provide technicians with access to dispense product or the keypad may be mounted in the parts room. Keypads may be activated by a PIN, an optional key fob, or an optional bar code scanner. The President keypad contains the system software module; one President keypad is required per system. Additional keypads may be ordered as needed.

To order a networked system, choose a President keypad that includes a PC interface. If a system is ordered to use in a stand alone configuration, a PC interface may be added at any time.

An optional internal thermal ticket printer provides a printed ticket with each dispense transaction. Fields included on the ticket are date/time, job number, product supplied, volume supplied, dispense point, technician name, vehicle number (optional), vehicle odometer (optional), and the remaining inventory of product. When product reaches a low level, ticket will have a warning printed on it.

INTELLIGENT FLOW CONTROL UNIT (IFCU)

The IFCU is a dispense point controller located at each dispense point and includes the solenoid, pulser, filter, and display of product dispensed for that point. The filter is readily accessible for cleaning. The three digit large character super bright LED display shows the dispense point number when not in use and displays the quantity dispensed during use. Three LED indicator lights show the status of the dispense point.

Dispense point control from 5 GPM for car and light truck shops all the way to 30 GPM for heavy duty applications
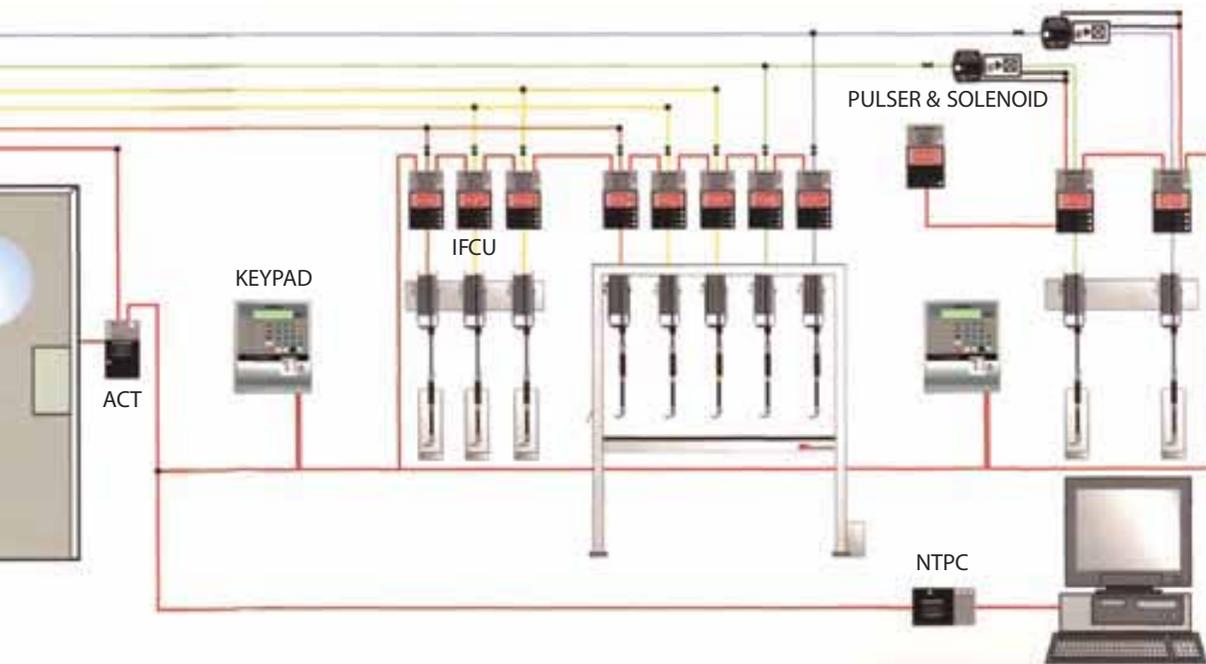
TANK ROOM MANAGER (TRM)

Provides real time precise inventory for each tank. Accepts and measures new deliveries. IMS will allow up to four tank room managers in network allowing inventory management of sixteen tanks. When used with PC interface, the TRM provides a real time view of exact inventory on parts room computer. Allows emailing oil vendor when inventory level reaches predetermined level.

ALARM TECH SUPERVISOR (ATS)

Provides high level (or low level) management of any tank and manages up to four inputs. Unit will sound alarm when tank reaches programmed level; will also control air to evacuation pump and can control a remote alarm such as a flashing red light. Allows emailing used fluid hauler when inventory level reaches predetermined level.

ACCESS CONTROL TERMINAL (ACT)

Provides access control to doors with electronic locks. Requires key fob to activate, allows tracking of access to locations such as the lube storage room, essential tool room, or other secure areas. May also be used as a gate controller.

PULSER & SOLENOID

IFCU

KEYPAD

ACT

NTPC

KEYPADS

381003 President keypad with PC interface (NTPC); and internal ticket printer - Quarts/Gallons
381013 President keypad with PC interface (NTPC); and internal ticket printer - Liters
381005 President keypad with PC interface (NTPC); no internal ticket printer - Quarts/Gallons
381015 President keypad with PC interface (NTPC); no internal ticket printer - Liters
381002 President keypad for stand alone use and internal ticket printer - Quarts/Gallons
381012 President keypad for stand alone use and internal ticket printer - Liters
381004 President keypad for stand alone use; no internal ticket printer - Quarts/Gallons
381014 President keypad for stand alone use; no internal ticket printer - Liters
381000 IMS keypad without internal ticket printer
381001 IMS keypad with internal printer

DISPENSE POINT CONTROL

381501 IFCU for oil
381551 IFCU for water based products; 1/2" NPTF
381550 IFDM for custom applications; electronics only, needs pulser, solenoid, and filter
381502 IFDU for controlling motor fuel dispensers
381553 Pulser, solenoid, filter assembly for use with IFDM; 250 PSI, 3/4" NPTF, 20 GPM, 66.75 PPU
381554 Pulser, solenoid, filter assembly for use with IFDM; 250 PSI, 1" NPTF, 30 GPM, 66.75 PPU
381555 Pulser, solenoid, filter assembly for use with IFDM; 2000 PSI, 3/4" NPTF, 20 GPM, 66.75 PPU
381556 Pulser, solenoid, filter assembly for use with IFDM; 2000 PSI, 1" NPTF, 30 GPM, 66.75 PPU
381700 Remote Display Unit (RDU)

TANK ROOM MANAGEMENT

381153 Tank Room Manager (TRM) for use with   IMS ; manages up to four tanks
381157 Tank Room Manager (TRM) for stand alone use; manages up to four tanks
381405 Tank probe; one per tank
381315 Access Control Terminal (ACT); requires   PIN or key fob to unlock door;
          controls entry to tank room, essential tool room, or other secure area
381152 Alarm Tech Supervisor (ATS) for use with IMS; manages up to four tanks
381156 Alarm Tech Supervisor (ATS) for stand alone use; manages up to four tanks
381400 One channel sensor
381401 Two channel sensor
381158 Flashing red alarm light for remote location

SYSTEMS ACCESSORIES

381901 Bar code scanner; connects to keypad for data entry
381102 Power supply; must be added to system when more than 8 dispense points per keypad
381905 Set of five key fobs for activating system in lieu of   PIN entry
381906 Box of 15 rolls of thermal paper for keypad printer
380201 External printer; must be within 100' of a system keypad
381956 1000' Belden 3084A 22/24AWG cable
381958 1000' Belden 3082A 15/18AWG cable
381999 One day of on-site technical assistance
381960 Serial to USB connector kit with software
381961 500' Belden 3084A 22/24AWG cable
381962 500' Belden 3082A 15/18AWG cable

PULSE METERS

Model 1071 - 100 PPU Oval Gear Pulse Meter

Oval gear pulse meter for oils and glycol solutions. 1/2" NPSM (F) inlet/outlet.

Model 600 601 - 328 PPU Pulse Meter for windshield washer solution

Pulse meter manufactured in stainless steel with Viton seals for use with methanol based WW solutions. 1/2" BSP (M) with 60º cone seal inlet/outlet. Max pressure 215 psi.

Model 1059 - 10 PPL Traditional Gallon Pulse Meter

Traditional Gallon pulse meter for oils and glycol solutions. 1/2" NPTF inlet/outlet. Replacement only will not work properly with IMC or IMS systems.

Model 1061 - 10 PPQ Traditional Quart Pulse Meter

Traditional pulse meter for oils and glycol solutions. 1/2" NPTF inlet/outlet

Model 1062 - 10 PPP Traditional Pint Pulse Meter

Traditional pulse meter for oils and glycol solutions. 1/2" NPTF inlet/outlet. Replacement only will not work properly with IMC or IMS systems.

Model 1066 - 10 PPL Traditional Liter Pulse Meter

Traditional liter pulse meter for oils and glycol solutions. 1/2" NPTF inlet/outlet

1061

SOLENOIDS

Model 1065 - 24 VAC/DC Oil Solenoid - Normally Closed (NC)

Medium pressure NC oil solenoid for use on AC or DC systems; internally rectified. Equipped with a protective screen. 1/2" NPTF inlet/outlet. Max 3000 psi.

Model 1064 - 24 VAC Air/Water Solenoid - Normally Closed (NC)

Low pressure brass bodied NC solenoid for use as an air solenoid or for water based solutions like WW fluid or Coolant. 1/2" NPTF inlet/outlet. Max 300 psi.

Model 1074- 24 VDC Air/Water Solenoid - Normally Closed (NC)

Low pressure brass bodied NC solenoid for use as an air solenoid or for water based solutions like WW fluid or Coolant 1/2" NPTF inlet/outlet. Max 300 psi.

Model 107 042 - 24 VAC Air/Water Solenoid - Normally Opened (NO)

Low pressure brass bodied NO solenoid for use as an air solenoid to control used fluid pumps. 1/2" NPTF inlet/outlet. Max 300 psi.

1065

OTHER ACCESSORIES

1069

Model 1069 - Y Strainer

1/2" NPTF cleanable screened filter for mounting upstream of oil solenoid. Rated to 250 psi.