



# CONTROL VALVES AND METERS



- ▶ Electronic Meters
- ▶ Mechanical Meters
- ▶ Preset Meters
- ▶ Non-metered Control Valves

Alemite Control Valves and Meters offer consistent, reliable and accurate dispensing of fluids. Each item offers a proven, ergonomic design for simple and comfortable use. They can be used to dispense oil, grease, automatic transmission fluid, and other petroleum based products.

# CONTROL VALVES AND METERS

## METERS

Alemite Electronic and Mechanical Meters provide consistent, reliable performance for dispensing applications.

### Electronic

The versatile Alemite Electronic Meter is designed for accurate, high volume dispensing of a wide range of fluids.



**FEATURES:**

- Electronic digital readout
- Ergonomic trigger design for easy dispensing
- Rubber guard to protect meter from damage
- Measures in pints, quarts, gallons or liters
- Displays current fluid delivery, and registers total amount of fluid used
- Easy to calibrate – no disassembly required
- Uses 2 standard AAA batteries, replaceable with a coin screw on back of meter
- Low battery indicator
- Fluid compatibility – Oil, gear oil, transmission fluid

Product #	Description	Fluids	Measures	Totalizes	Extension	Non-Drip Tip	Battery	Weight
3670-B	Electronic Meter	Oil	Quart	Gallon	Rigid	Manual	2 x AAA	3 Lb.
3670-BL	Electronic Meter	Oil	Liter	Liter	Rigid	Manual	2 x AAA	3 Lb.
3671-B	Electronic Meter	Oil	Quart	Gallon	Flexible	Manual	2 x AAA	3 Lb.
3671-BL	Electronic Meter	Oil	Liter	Liter	Flexible	Manual	2 x AAA	3 Lb.
3674-C	Electronic Meter	Oil	Gallon	Gallon	Rigid	High-Volume Manual	2 x AAA	3 Lb.
3674-CL	Electronic Meter	Oil	Liter	Liter	Rigid	High-Volume Manual	2 x AAA	3 Lb.
3679	In-Line Electronic Meter	Oil	Quart	Gallon	NA	NA	2 x AAA	0.83 Lb.
3670	Electronic Meter	Oil	Quart	Gallon	Rigid	Automatic	2 x AAA	3 Lb.
3671	Electronic Meter	Oil	Quart	Gallon	Flexible	Automatic	2 x AAA	3 Lb.
3671-A	Electronic Meter	Oil	Liter	Liter	Flexible	Automatic	2 x AAA	3 Lb.
3672-B	Electronic Meter	Transmission Fluid	Quart	Gallon	Flexible	Manual	2 x AAA	3 Lb.
3672-BL	Electronic Meter	Transmission Fluid	Liter	Liter	Flexible	Manual	2 x AAA	3 Lb.
3672	Electronic Meter	Transmission Fluid	Quart	Gallon	Flexible	Automatic	2 x AAA	3 Lb.
3673	Electronic Meter	Gear Oil	Pint	Gallon	Rigid	Automatic	2 x AAA	3 Lb.
3673-L	Electronic Meter	Gear Oil	Liter	Liter	Rigid	Automatic	2 x AAA	3 Lb.

# CONTROL VALVES AND METERS

## METERS

### Electronic Preset

Alemite's Electronic Preset Meter provides for fluid dispensing with the accuracy of electronic sensing.



**3640-1**

**FEATURES:**

- Oval gear meter design for high count precision and low flow resistance
- Automatically shuts off when the preset fluid amount has been dispensed
- Emergency manual shut off and manual mode for “topping off”
- Customizable features include automatic reset of batch total, calibration, and precision stopping calibration
- Stores up to 6 preset quantities, plus last quantity
- 7 digit accumulative totalizer provides total for life of the meter
- Extension has 5 pre-set positions within a 75 degree range for easy dispensing. Locking extension can only be moved by pushing the safety release button
- Uses 4 standard AA batteries, in an easy to replace cartridge
- Low battery indicator
- Fluid compatibility – Oil, gear oil, ATF, diesel fuel, antifreeze, hydraulic fluid

Product #	Description	Fluids	Measures	Totalizes	Extension	Non-Drip Tip	Battery	Weight
3640-1	Electronic Preset Meter	Oil, Gear Oil, ATF, Hydraulic Fluid	Qt., Pt., Gal., Ltr.	Gal., Ltr.	Rigid	Automatic	4 x AA	3 lb.
3641-1	Electronic Preset Meter	Oil, Gear Oil, ATF, Hydraulic Fluid	Qt., Pt., Gal., Ltr.	Gal., Ltr.	Flexible	Automatic	4 x AA	3 lb.
3643-1	Electronic Preset Meter	Oil, Gear Oil, ATF, Hydraulic Fluid	Qt., Pt., Gal., Ltr.	Gal., Ltr.	Rigid	Automatic/Manual Lock	4 x AA	3 lb.
3644-C1	Electronic Preset Meter	Oil, Gear Oil, ATF, Hydraulic Fluid	Qt., Pt., Gal., Ltr.	Gal., Ltr.	Rigid	Manual High Volume	4 x AA	3 lb.

# CONTROL VALVES AND METERS

## METERS

### Electronic Grease

The Alemite Electronic Grease Meter works with virtually any type of grease dispensing valve or grease gun. This in-line meter provides accurate and reliable grease delivery, optimizing lubrication consumption while ensuring components receive appropriate lubrication.



**3530**

**FEATURES:**

- Resettable, easy to read LCD indicates batch and cumulative totals
- Oval gear technology
- Accurately displays amount of grease dispensed, allowing user to deliver required lubrication
- Decreases lubricant waste

**Requires Adapter Kit**

- Battery Powered Guns: 340062
- 500 Series Manual Guns: 41531
- 6320-3 Control Valve: 327899-3
- 6243-J3 and 6679-J3 Guns: 306722
- Lincoln Guns: 340180

Product #	Description	Operating Pressure (max.)	Flow Rate	Thread Sizes	Battery	Unit of Measure	Weight
3530	Electronic Grease Meter	10,000 psi/ 700 bar	0.2 - 5.5 lb./minute	1/8" NPTF(f) in and out	2 x 1.5V Size N	Oz., Lb.	1.2 Lb.
3530-A	Electronic Grease Meter	10,000 psi/ 700 bar	0.2 - 5.5 lb/minute	1/8" NPTF(f) in and out	2 x 1.5V Size N	G., Kg.	1.2 Lb.
3530-B	Electronic Grease Meter	10,000 psi/ 700 bar	0.4 - 11 lb/minute	1/4" NPTF(f) in and out	2 x 1.5V Size N	Oz., Lb.	1.2 Lb.
3530-C	Electronic Grease Meter	10,000 psi/ 700 bar	0.4 - 11 lb/minute	1/4" NPTF(f) in and out	2 x 1.5V Size N	G., Kg.	1.2 Lb.

# CONTROL VALVES AND METERS

## METERS

### Mechanical

Alemite Mechanical Meters feature a classic dial design to accurately measure and totalize fluids dispensed.



**3685-F**

**FEATURES:**

- Large, easy to read dial face
- Totalizer keeps lifetime record of fluid dispensed
- Includes internal filter screen to prevent contaminants from entering the meter
- 1,000 psi maximum operating pressure
- Fluid compatibility – Oil, gear oil, ATF

Product #	Dial Registers	Fluids	Odometer Registers	Dial Range	Extension	Non-Drip Tip	Weight
3685-A	Liter	Oil	Liter	Liter (0-10)	Flexible	Automatic	5 Lb.
3685-B	Quart	Oil	Gallon	Quart (0-16)	Rigid	Automatic	5 Lb.
3685-F	Quart	Oil	Gallon	Quart (0-16)	Flexible	Manual	5 Lb.
3685-G	Quart	Oil	Quart	Quart (0-16)	Flexible	Manual	5 Lb.
3685-M	Quart	Oil	Liter	Liter (0-10)	Rigid	Automatic	5 Lb.
3686-B	Quart	ATF	Gallon	Quart (0-16)	Flexible	Automatic	5 Lb.

### Mechanical Preset

Alemite Mechanical Preset Meters feature a classic dial design to accurately measure and totalize fluid dispensed, where automatic fill capability is important.



**3690-C**

**FEATURES:**

- Large, easy to read dial face
- Meter automatically shuts off when preset amount has been dispensed
- Latch control permits shut off during operation
- 1,000 psi maximum operating pressure
- Non-drip nozzle included
- Fluid compatibility – Oil, gear oil, ATF
- Valve inlet: 1/2" NPTF(f) with swivel

Product #	Dial Registers	Fluids	Odometer Registers	Dial Range	Extension	Non-Drip Tip	Weight
3690-C	Quart	Gear Oil, Motor Oil, ATF	Gallon	Quart (0- 60)	Rigid	Manual High Volume	5.1 Lb.
3691-C	Gallon	Gear Oil, Motor Oil, ATF	Gallon	Gallon (0-15)	Rigid	Manual High Volume	5.1 Lb.
3692-C	Quart	AntiFreeze	Quart	Quart (0-60)	Rigid	Manual High Volume	5.1 Lb.
3693-C	Liter	Gear Oil, Motor Oil, ATF	Liter	Liter (0-60)	Rigid	Manual High Volume	5.1 Lb.
3696-C	Quart	Gear Oil, Motor Oil, ATF	Quart	Quart (0-16)	Rigid	Manual High Volume	5.1 Lb.

# CONTROL VALVES AND METERS

## HIGH VOLUME

Alemite High Volume Control Valves and Meters will transfer fluids at very high flow rates (up to 30 gallons/80 liters per minute), with operating pressures up to 1,500 psi/100 bars (1,000 psi/70 bars with meter). The rugged metal construction is designed to handle tough work environments.

### 3/4" Control Valves



**3570-A**

**3571-A**

**FEATURES:**

- Available with flexible or rigid extension
- Nozzle tip with automatic on/manual off
- 3/4" NPTF(f) inlet, with swivel
- Lever locking handle
- Lever guard
- Operating temperature - 22°F to 122°F (-5°C to 50°C)

Product #	Description	Fluids	Measures	Totalizes	Extension	Non-Drip Tip	Battery	Weight
3570-A	Control Valve, non-metered	Oil	NA	NA	Rigid	Manual	NA	2.4 Lb.
3571-A	Control Valve, non-metered	Oil	NA	NA	Flexible	Manual	NA	2.4 Lb.

### 3/4" Metered Control Valves



**3570-B**

**3571-B**

**FEATURES:**

- Available with flexible or rigid extension
- Nozzle tip with automatic on/manual off
- 3/4" NPTF(f) inlet, with swivel
- Lever locking handle
- Lever guard
- Operating temperature - 22°F to 122°F (-5°C to 50°C)
- Meter uses 2 AAA batteries

Product #	Description	Fluids	Measures	Totalizes	Extension	Non-Drip Tip	Battery	Weight
3570-B	Control Valve with Electronic Meter	Oil	Quart	Gallons/Liters	Rigid	Manual	2 x AAA	5.7 Lb.
3571-B	Control Valve with Electronic Meter	Oil	Quart	Gallons/Liters	Flexible	Manual	2 x AAA	5.8 Lb.
3579	Electronic Meter	Oil	Quart	Gallons/Liters	NA	NA	2 x AAA	1.2 Lb.

# CONTROL VALVES AND METERS

## CONTROL VALVES

Alemite Control Valves provide consistent, long lasting performance in dispensing oil and other fluids.



**6320-3**

### High Pressure Grease Valve

Alemite's High Pressure Control Valve provides continuous flow with the trigger fully depressed, and delivers measured, pre-set amounts with the trigger partially depressed.

Product #	Description	Material Inlet	Pressure	Weight
6320-3	High Pressure Control Valve	1/4" NPTF(F)	7,500 psi	2.8 Lb.



**6438**

### High Volume Grease Valve

The Alemite High Volume Control Valve is designed for medium pressure, high volume use, and is an ideal choice for transferring grease from bulk containers.

Product #	Description	Material Outlet	Material Inlet	Pressure	Weight
6438	High Volume Control Valve	1/4" NPTF(F)	3/8" NPTF(F)	5,000 psi	2.4 Lb.

# CONTROL VALVES AND METERS

## CONTROL VALVES

### Oil Valves

Alemite Control Valves for oil and other fluids are available with a variety of nozzles to meet your specific application needs.



**FEATURES:**

- Ergonomic trigger design for easy operation, reducing operator fatigue
- Locking mechanism to allow free flow dispensing
- Cam piston design for consistent operation
- Push to open trigger prevents inadvertent dispensing of fluid

Product #	Description	Material Inlet	Extension	Non-Drip Tip	Max Pressure	Min Pressure	Weight
339100	Non-Metered Control Valve	1/2" NPTF(f)	NA	NA	1,500 psi	30 psi	1.5 lb
7492	Non-Metered Control Valve	1/2" NPTF(f)	Rigid	Automatic/Manual Lock	1,500 psi	30 psi	2.6 lb
7498	Non-Metered Control Valve	1/2" NPTF(f)	Rigid	Automatic	1,500 psi	60 psi	2.6 lb
7498-A	Non-Metered Control Valve	1/2" NPTF(f)	Flexible	Automatic	1,500 psi	60 psi	2.6 lb
7498-C	High-Volume Control Valve	1/2" NPTF(f)	Rigid	Manual High Volume	1,500 psi	30 psi	2.8 lb
7836-C1	High-Volume Control Valve	1/2" NPTF(f)	NA	NA	2,000 psi	0 psi	2.7 lb



# CONTROL VALVES AND METERS

## MISCELLANEOUS

### Non-Drip Nozzles

Alemite Non-Drip Nozzles help prevent drips and spills, for a cleaner, safer work space. The nozzles are available with an automatic shut off, or manual twist lock mechanism.

Product #	Description	Used with	Thread Sizes
B339800	Automatic Assembly (blister pack)	3620 series, 3621, 3621-A, 3622, 3622-A, 3640 series, 3641-I, 3686-I, 3686-B, 7948	1/4" NPTF(f)
339084	Manual	3620-B, 3621-B, 3641-BI, 3670-B, 3670-BL, 3671-B, 3671-BL, 3672-B, 3672-BL, 3685-J, 3685-F, 3685-G	1/4" NPTF(f)
340084	Manual High-Volume	3624-C, 3644-CI, 3674-C, 3691-C, 3690 series, 7498-C	1/2" NPTF(f)

### Water Bib

Alemite's Water Bib manual dispensing valve is suitable for dispensing water, antifreeze, or windshield washer fluid. Inlet size is 1/4".

