



CONTROL VALVES AND METERS



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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.

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 ($\pm 1\%$ accuracy)
- Ergonomic trigger design for easy dispensing
- Rubber guard to protect meter from damage
- Programmable to measure 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
- $\frac{1}{2}$ " NPT(f) Inlet
- Fluid compatibility: oil, gear oil, transmission fluid, antifreeze - antifreeze concentrate only, not compatible with water/antifreeze mixture



3670-B

Product #	Description	Measures	Totalizes	Extension	Non-drip tip	Weight
3670	Electronic meter	Quart	Gallon	Rigid	Automatic	3 lb (1.4 kg)
3670-B	Electronic meter	Quart	Gallon	Rigid	Manual	3 lb (1.4 kg)
3671	Electronic meter	Quart	Gallon	Flexible	Automatic	3 lb (1.4 kg)
3671-B	Electronic meter	Quart	Gallon	Flexible	Manual	3 lb (1.4 kg)
3673	Electronic meter	Pint	Gallon	Rigid	Automatic	3 lb (1.4 kg)
3674-C	Electronic meter	Gallon	Gallon	Rigid	High-volume manual	3 lb (1.4 kg)
3679	In-line electronic meter	Quart	Gallon	–	–	0.83 lb (0.4 kg)

CONTROL VALVES AND METERS

METERS

Electronic Preset

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

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
- ½" NPT(f) Inlet
- Uses 4 standard AA batteries
- Low battery indicator
- Fluid compatibility: oil, gear oil, transmission fluid, antifreeze - antifreeze concentrate only, not compatible with water/antifreeze mixture



3640-3

Product #	Description	Measures	Totalizes	Extension	Non-drip tip	Weight
3640-3	Electronic preset meter	Quart, Pint, Gallon, Liter	Gallon, Liter	Rigid	Automatic	3 lb (1.4 kg)
3641-3	Electronic preset meter	Quart, Pint, Gallon, Liter	Gallon, Liter	Flexible	Automatic	3 lb (1.4 kg)
3643-3	Electronic preset meter	Quart, Pint, Gallon, Liter	Gallon, Liter	Rigid	Automatic/Manual lock	3 lb (1.4 kg)
3644-C3	Electronic preset meter	Quart, Pint, Gallon, Liter	Gallon, Liter	Rigid	Manual high volume	3 lb (1.4 kg)
3645-C3	Electronic preset meter	Quart, Pint, Gallon, Liter	Gallon, Liter	Flexible	Manual high volume	3 lb (1.4 kg)



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.

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
- Accuracy: +/- 3%

REQUIRES ADAPTER KIT

- Battery Powered Gun Kit: 340062
- 500 Series Manual Gun Kit: 41531
- 6320-3 Control Valve Kit: 327899-3
- 6243-J3 and 6679-J3 Gun Kit: 306722



3530

Product #	Max Operating Pressure	Flow Rate (per minute)	Thread Sizes	Battery	Unit of Measure	Weight
3530	10,000 psi (700 bar)	0.2 - 5.5 lb (0.09 - 2.5 kg)	1/8" NPTF(f) in and out	2 x 1.5V Size N	Ounce, Pound	1.2 lb (0.5 kg)
3530-A	10,000 psi (700 bar)	0.2 - 5.5 lb (0.09 - 2.5 kg)	1/8" NPTF(f) in and out	2 x 1.5V Size N	Gram, Kilogram	1.2 lb (0.5 kg)
3530-B	10,000 psi (700 bar)	0.4 - 11 lb (0.18 - 5 kg)	1/4" NPTF(f) in and out	2 x 1.5V Size N	Ounce, Pound	1.2 lb (0.5 kg)
3530-C	10,000 psi (700 bar)	0.4 - 11 lb (0.18 - 5 kg)	1/4" NPTF(f) in and out	2 x 1.5V Size N	Gram, Kilogram	1.2 lb (0.5 kg)

CONTROL VALVES AND METERS

METERS

Mechanical

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

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 (69 bar) maximum operating pressure
- Fluid compatibility – Oil, gear oil, ATF
- ½" NPT(f) Inlet



3685-F

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 (2.3 kg)
3685-B	Quart	Oil	Gallon	Quart (0-16)	Rigid	Automatic	5 lb (2.3 kg)
3685-F	Quart	Oil	Gallon	Quart (0-16)	Flexible	Manual	5 lb (2.3 kg)
3685-G	Quart	Oil	Quart	Quart (0-16)	Flexible	Manual	5 lb (2.3 kg)
3685-M	Quart	Oil	Liter	Liter (0-10)	Rigid	Automatic	5 lb (2.3 kg)
3686-B	Quart	ATF	Gallon	Quart (0-16)	Flexible	Automatic	5 lb (2.3 kg)

METERS

Mechanical Preset

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

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 (69 bar) maximum operating pressure
- Non-drip nozzle included
- Fluid compatibility – Oil, gear oil, ATF
- Valve inlet: ½" NPTF(f) with swivel



3690-C

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 (2.3 kg)
3691-C	Gallon	Gear oil, motor oil, ATF	Gallon	Gallon (0-15)	Rigid	Manual high volume	5.1 lb (2.3 kg)
3692-C	Quart	Antifreeze	Quart	Quart (0-60)	Rigid	Manual high volume	5.1 lb (2.3 kg)
3693-C	Liter	Gear oil, motor oil, ATF	Liter	Liter (0-60)	Rigid	Manual high volume	5.1 lb (2.3 kg)
3696-C	Quart	Gear oil, motor oil, ATF	Quart	Quart (0-16)	Rigid	Manual high volume	5.1 lb (2.3 kg)

CONTROL VALVES AND METERS

METERS

Odometer-Style Mechanical Meters

The Alemite 3575 Series of mechanical meters is suitable for indoor or outdoor fluid dispensing applications. Available in versions offering either quart or liter measurement, the meters feature an odometer-style display. The lightweight mechanical meters have a non-resettable totalizer that enables tracking of product usage over time.

FEATURES:

- Available with flexible or rigid extension
- Adapter for connecting extension in 90-degree configuration
- Available in quart or liter measurements
- 6-digit accumulative totalizer; plus 4-digit resettable batch totalizer with push-button reset
- Automatic non-drip nozzle with thermal expansion piston to prevent drips
- Oval gear mechanism for optimum accuracy across a broad range of viscosities
- Trigger lock for hands-free dispensing
- Lever guard



Product #	Dial Registers	Fluids ⁽¹⁾	Flow Rate	Swivel Inlet	Extension Type	Maximum Working Pressure	Weight
3575-A	Quart	Oils up to SAE 140, ATFs, gear oils and ready-to-use engine coolants	0.26 to 8 gal./min.	1/2"	Rigid	1,500 psi (103.5 bar)	2.6 lb (1.2 kg)
3575-B	Quart	Oils up to SAE 140, ATFs, gear oils and ready-to-use engine coolants	0.26 to 8 gal./min.	1/2"	Flexible	1,500 psi (103.5 bar)	2.6 lb (1.2 kg)
3575-C	Liter	Oils up to SAE 140, ATFs, gear oils and ready-to-use engine coolants	1 to 30 liter/min.	1/2"	Rigid	1,500 psi (103.5 bar)	2.6 lb (1.2 kg)
3575-D	Liter	Oils up to SAE 140, ATFs, gear oils and ready-to-use engine coolants	1 to 30 liter/min.	1/2"	Flexible	1,500 psi (103.5 bar)	2.6 lb (1.2 kg)

⁽¹⁾ Not to be used for concentrates



HIGH VOLUME

Alemite High Volume Control Valves and Meters will transfer fluids at very high flow rates of up to 30 gallons (80 liters) per minute and with operating pressures up to 1,500 psi (103 bar) and 1,000 psi (70 bar) with meter. The rugged metal construction is designed to handle tough work environments.

3/4" Control Valves

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 to 122 °F (-5 to 50 °C)



3572-A



3572-B

Product #	Description	Rate (per minute)	Fluids	Extension	Non-Drip Tip	Weight
3572-A	Control Valve, non-metered	22 gallon (83 liter)	Oil	Rigid	Semi-Automatic	4.2 lb (1.9 kg)
3572-B	Control Valve, non-metered	22 gallon (83 liter)	Oil	Flexible	Semi-Automatic	4.2 lb (1.9 kg)

CONTROL VALVES AND METERS

HIGH VOLUME

3/4" Metered Control Valves

FEATURES:

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


3573-A

3573-B

Product #	Description	Rate (per minute)	Fluids	Measures	Totalizes	Extension	Non-Drip Tip	Battery	Weight
3573-A	Control Valve w/ Electronic Meter	16 gallon (60 liter)	Oil	Pint, Quart, Gallon, Liter	Gallons, Liters	Rigid	Semi-Automatic ⁽¹⁾	2 x AAA	6.4 lb (2.9 kg)
3573-B	Control Valve w/ Electronic Meter	16 gallon (60 liter)	Oil	Pint, Quart, Gallon, Liter	Gallons, Liters	Flexible	Semi-Automatic ⁽¹⁾	2 x AAA	6.6 lb (3.0 kg)
3579	Electronic Meter, 3/4" NPT(f)	16 gallon (60 liter)	Oil	Pint, Quart, Gallon, Liter	Gallons, Liters	—	—	2 x AAA	1.2 lb (0.5 kg)

⁽¹⁾ Nozzle tip with automatic on and manual off



CONTROL VALVES

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

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.



6320-3

Product #	Description	Material Inlet	Pressure	Weight
6320-3	High Pressure Control Valve	1/4" NPTF(f)	7,500 psi (517 bar)	2.8 lb (1.3 kg)
6320-C	High Pressure Control Valve with flexible hose and 6304-B Large Hydraulic Coupler	1/4" NPTF(f)	5,000 psi (344 bar)	2.8 lb (1.3 kg)
6320-B	High Pressure Control Valve with flexible hose and 308730 Small Hydraulic Coupler	1/4" NPTF(f)	5,000 psi (344 bar)	2.8 lb (1.3 kg)
343096	Whip Hose Conversion Kit for 6320-3	1/8" NPTF(m)	5,000 psi (344 bar)	1.0 lb (0.5 kg)

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.



6438

Product #	Description	Material Outlet	Material Inlet	Pressure	Weight
6438	High Volume Control Valve	1/4" NPTF(f)	3/8" NPTF(f)	5,000 psi (344 bar)	2.4 lb (1.1 kg)

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


7498

Product #	Description	Material Inlet	Extension	Non-Drip Tip	Max Pressure	Min Pressure	Weight
339100	Non-metered control valve	1/2" NPTF(f)	–	–	1,500 psi (103 bar)	30 psi (2 bar)	1.5 lb (0.7 kg)
7492	Non-metered control valve	1/2" NPTF(f)	Rigid	Automatic/ Manual lock	1,500 psi (103 bar)	30 psi (2 bar)	2.6 lb (1.1 kg)
7498	Non-metered control valve	1/2" NPTF(f)	Rigid	Automatic	1,500 psi (103 bar)	60 psi (4 bar)	2.6 lb (1.1 kg)
7498-A	Non-metered control valve	1/2" NPTF(f)	Flexible	Automatic	1,500 psi (103 bar)	60 psi (4 bar)	2.6 lb (1.1 kg)
7498-C	High-volume control valve	1/2" NPTF(f)	Rigid	Manual high volume	1,500 psi (103 bar)	30 psi (2 bar)	2.8 lb (1.3 kg)
7836-C1	High-volume control valve	1/2" NPTF(f)	–	–	2,000 psi (138 bar)	30 psi (2 bar)	2.7 lb (1.2 kg)

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, 3641-1, 3686-1, 3686-B, 3670, 3671, 3671-A, 3672, 3673, 7948	1/4" NPTF(f)
339084	Manual	3620-B, 3621-B, 3641-B1, 3670-B, 3671-B, 3685-J, 3685-F, 3685-G	1/4" NPTF(f)
340084	Manual high-volume	3624-C, 3644-C1, 3674-C, 3691-C, 3690 Series, 7498-C	1/2" NPTF(f)

Water Bib (BSWA321)

Alemite's Water Bib manual dispensing valve is suitable for dispensing water, antifreeze, or windshield washer fluid. Inlet size is 1/4" (6 mm).



BSWA321

CONTROL VALVES AND METERS

LUBE DISPENSING STATIONS

Oil Bar and Spigots

Alemite's new oil bar line includes a compact, modular oil bar capable of accommodating up to three spigots. Locking and non-locking spigots are available for use with the unit. A brass flow control valve is offered to control pressure and flow at the spigot, and an optional inline digital meter measures fluid.

FEATURES:

- Steel construction
- Modular design
- 3-spigot capacity
- 2.9 gallon (11 liter) removable reservoir/drain
- Hole knockouts for inline digital meter
- Overall dimensions: 33.39" (85 cm) tall x 19.69" (50 cm) wide x 3.94" (10 cm) deep; 14.36" (36 cm) deep with removable reservoir


343090

343091, 343092 or 343259

343093

3679

Product #	Description	Outlet	Inlet	Max Pressure	Flow Range (per minute)
343090	Oil Bar	–	–	–	–
343091-1	Spigot with Locking Lever, with Hydraulic and Other Medium-Viscosity Oils up to SAE 90	–	1/2" NPT(f), 3/4" NPT(m)	750 psi (52 bar)	–
343092-1	Spigot with Non-Locking Lever, Compatible with Hydraulic and Other Medium-Viscosity Oils up to SAE 90	–	1/2" NPT(f), 3/4" NPT(m)	750 psi (52 bar)	–
343259	Spigot with Non-Locking Lever, Compatible with Washer Fluid and Antifreeze	–	1/2" NPT(f), 3/4" NPT(m)	750 psi (52 bar)	–
343093	Flow Control Valve, Brass Construction	1/2"-14 NPT	1/2"-14 NPT	2,000 psi (138 bar)	15 gallon (56 liter)
3679	Inline Meter, Registers in Pints, Quarts, Gallons or Liters; Requires Installation Kit #343098	1/2" NPTF	1/2" NPTF	1,000 psi (69 bar)	.25 to 8 gallon (1 to 30 liter)
343098	Installation kit, use to connect spigot into inline meter; includes 45° street elbows (2), close nipple, special street elbow				

ACCESSORIES

Additional Accessories

Product #	Description
301980	Swivel
306586	Tire Gauge
317850-1	12" Whip Hose
321206	Low Level Shut Off
340062	Grease Meter Adapter Kit 575 & 585 to use 3530 Series grease gun
340276	Swivel Assembly For 7371, 7372
340349	Insert, Coupler, Bpg grubber - Nitrile 70 Duro
340741	Switch, Speed Control
391421	Air Pressure Gauge
41531	Male Adapter
42763	Pipe Coupling
42802	Pipe Coupling
51219	Swivel
6067-1	Hi-Lo Adapter
6239	Push Type Adapter Use B6239
6278	Hydraulic Extension
6783	Adapter, Bulk Packed
7542	Hose Assembly
A908-A	Hose with Pin Coupler
B308730	Coupler
B6304-B	Hydraulic Coupler Blister Pack
B6304-C	Hydraulic Coupler Blister Pack
B6509-D	Swivel Coupler Blister Pack
B6509-E	Swivel Coupler Blister Pack

Additional Hoses

Product #	Description	Coupling Specification	Hose ID
317811-100	Hose LP	1/2" x 1/2"(m)	1/2"
317813-1	Hose MP	1/2" x 1/2" (m)	1/2"
317813-100	Hose MP	1/2" x 1/2"(m)	1/2"
317813-80	Hose MP	1/2" x 1/2" (m)	1/2"
317860-1	Hose MP	1/4" x 1/4" (m)	1/4" x 12" (30 cm)
317882-2	Hose HP	3/8" x 3/8" (m)	3/8"
317898-5	Hose suction	3/4" (m) x 1" (m)	3/4"