



CLS 1000 Controller

The Alemite CLS (Centralized Lubrication System) 1000 Controller is the centerpiece of Alemite's centralized lubrication solutions. Designed with the customer in mind, it is easy to install, use, and maintain. The CLS 1000 Controller can operate, control, and monitor injector systems, series progressive valve systems, and dual line systems.



Made in the U.S.A.

Features and Benefits

- 110 Vac, 230 Vac, or 12/24 Vdc input power options with same unit to serve a variety of applications and reduce inventory cost
- Removable terminal block for ease of wiring
- Removable plate for adding splash-proof strain relief after wiring to maintain housing integrity
- Easy programming saves valuable setup time
- Easy single-level navigation. No need to drill down
- One-button start function no matter where you are in the program
- Non-volatile data storage to ensure proper lubrication even after power outages or idle periods
- Lightweight (only 2 lbs.) and small enough to fit wherever you need it
- 2-line, 16-character, backlit LCD display
- Tested to MIL vibration standard
- External relay contact rated at 10A for controlling most pumps
- Status LEDs to keep your lubrication system running smoothly



Markets/Applications

- Off Road/Construction Equipment
- Steel Mills/Metal Processing
- Tire/Rubber Processing
- General Manufacturing
- Pulp and Paper
- Glass Manufacturing
- Power Production
- Mining Equipment
- Plastics Processing
- Wood Processing
- Food & Beverage
- Machine Tool
- Automotive
- Agriculture
- Conveyor
- Packaging
- Chemical
- Printing
- Textile

CLS 1000 Controller Specifications

Part number	387780
Input power	85-135 Vac/0.2 amp 170-265 Vac/0.1 amp 10-30 Vdc/0.4 amp
External pump load	10 amp relay output (external fused)
Enclosure*	NEMA 4X polycarbonate with transparent cover
Operational temperature range	0 to 120° F (18° C to 49° C)
Storage temperature range	-10 to 160° F (23° C to 7° C)
Net weight	2 lbs. max
Mounting	Wall mount within 6.9" (horizontal) x 5.0" max footprint, 3.5" depth
LCD display	2-line, 16-character, backlit
LEDs	POWER: green; lights when power applied LUBE: yellow; lights when cycle initiated FAULT: red; lights when end-of-cycle switch input is not cycled before unit exceeds time allowed by the user program
Lube on/idle time	1 to 9999 seconds, minutes, hours, or counts
Timing accuracy	0.01%
Input (lube) count rate	10 Hz max.
Pulsed output (on-time)	1 to 99 seconds
Pulsed output pump cycles	1 to 99 cycles
Cycle switch counts	0 to 99 counts

* Modifications made to the NEMA 4X enclosure may void rating



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