

Alemite 3696-C

Alemite 3696-C Mechanical Preset Meter Instruction Manual

Model: 3696-C

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the Alemite 3696-C Mechanical Preset Meter. This device is engineered for accurate measurement and dispensing of various fluids, including gear oil, motor oil, and Automatic Transmission Fluid (ATF), with an automatic shut-off feature for preset volumes.

Please read this manual thoroughly before using the meter to ensure safe and efficient operation and to maximize the product's lifespan.

PRODUCT FEATURES

- Large, easy-to-read dial face for clear volume indication.
- Automatic shut-off mechanism engages when the preset fluid amount has been dispensed.
- Latch control feature allows for manual shut-off during an ongoing dispensing operation.
- Designed to operate efficiently up to a maximum pressure of 1,000 psi.
- Includes a non-drip nozzle to prevent waste and maintain a clean work environment.

PRODUCT OVERVIEW



Figure 1: Alemite 3696-C Mechanical Preset Meter. This image displays the meter's main components, including the dispensing nozzle, the trigger handle, and the mechanical dial for fluid measurement and preset settings.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the meter from its packaging. Inspect for any signs of damage during transit.
2. **Connection to Fluid Supply:** Connect the meter's inlet to your fluid dispensing system (e.g., pump, hose reel). Ensure all connections are tight and secure to prevent leaks. Use appropriate thread sealant if necessary.
3. **Nozzle Attachment:** Verify the non-drip nozzle is securely attached to the meter's outlet.
4. **System Priming:** Before first use, prime the system by dispensing a small amount of fluid into a waste container to remove any air from the lines and ensure accurate measurement.

OPERATING INSTRUCTIONS

1. **Setting the Preset Volume:** Locate the preset dial or mechanism on the meter. Rotate the dial to the desired volume to be dispensed. The meter will automatically stop dispensing once this volume is reached.
2. **Initiating Dispensing:** Position the nozzle over the receiving container. Squeeze the trigger handle

to begin fluid flow.

3. **Monitoring Dispensing:** Observe the large dial face to monitor the dispensed volume. The meter will count up as fluid is dispensed.
4. **Automatic Shut-off:** When the preset volume is reached, the meter will automatically stop the fluid flow.
5. **Manual Shut-off:** If you need to stop dispensing before the preset volume is reached, release the trigger handle. The latch control can also be used to hold the trigger open for continuous flow and then released to stop.
6. **Resetting the Meter:** After each dispensing cycle, reset the meter's counter to zero for the next operation. Refer to the meter's specific reset mechanism, usually a knob or lever.

MAINTENANCE

- **Regular Cleaning:** Keep the exterior of the meter clean from dirt, grime, and fluid spills. Use a soft cloth and mild detergent if necessary.
- **Inspect for Leaks:** Periodically check all connections and seals for any signs of fluid leakage. Address leaks immediately to prevent waste and maintain system integrity.
- **Nozzle Condition:** Ensure the non-drip nozzle is free from obstructions and damage. Replace if worn or damaged to maintain proper flow and prevent drips.
- **Storage:** When not in use, store the meter in a clean, dry environment, protected from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Meter not dispensing fluid.	No fluid supply; clogged nozzle; air in system.	Check fluid source and pump operation; clean nozzle; prime the system.
Inaccurate readings.	Air in system; meter not calibrated; incorrect fluid viscosity.	Prime the system thoroughly; consult Alemite for calibration services; ensure meter is suitable for the fluid being dispensed.
Fluid leakage from connections.	Loose connections; damaged seals/O-rings.	Tighten all connections; inspect and replace damaged seals or O-rings.
Automatic shut-off not working.	Preset mechanism malfunction; internal blockage.	Ensure preset is correctly set; contact Alemite service for inspection.

SPECIFICATIONS

Model: 3696-C

Brand: Alemite

Maximum Operating Pressure: 1,000 psi

Compatible Fluids: Gear Oil, Motor Oil, ATF

Item Weight: 4.6 Pounds

Material: Components suitable for oil dispensing

UPC: 643129996979

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please contact Alemite customer service directly. Refer to the official Alemite website or product packaging for the most current contact details.

Alemite Official Website: www.alemite.com