

MEM LUB[®] High Pressure System

**SMART LUBRICATION
SYSTEMS**



Precise...
Reliable...
Economical.

Why choose MEMOLUB®?

The versatility of the MEMOLUB® Lubrication Systems is widely recognized and highly regarded in industry today as a valuable asset in controlled lubrication. For years the MEMOLUB® automatic lubricator has helped hundreds of industries improve reliability and cost savings throughout their facilities. The MEMOLUB® offers advanced lubrication control by applying a precise amount of clean lubricant at the correct time intervals.

Whether your equipment runs 24/7 or intermittently, the MEMOLUB® provides a pro-active solution to enhance your lubrication program.

- **Electro-Mechanical**
- **Positive Displacement Pump**
- **350 psi lubricant output pressure**
- **Reusable**
- **Precise metered lubricant output**
- **Single-point lubrication**
- **Multi-point from 2 to 12 lube points**
- **Flexible Power/Control Options**
- **Remote Mounting up to 40 feet away**
- **Contamination Control**
- **Address Safety Concerns**
- **Labor cost reduction**
- **Over 300 Lubricants in Stock**
- **3 lubricant reservoirs available, 120cc, 240cc and 480cc**



MEMOLUB® HPS

A completely self-contained, battery-operated, automatic lubrication system. The MEMOLUB® HPS is easily programmed to any one of 52 output settings using the unique MEMO System. This system supplies a precise, metered amount of lubricant to your lube point.

MEMOLUB® EPC

Like the HPS model, the EPC is battery-powered and operates under control of the MEMO System. However, the user has the flexibility to start and stop the lubrication program externally by means of a simple switch, relay, or PLC. Ideal for when lubrication is required on intermittently or infrequently used equipment.



MEMOLUB® EPS

The EPS is powered by external means so it does not require a battery pack. Like the HPS and EPC, the EPS is controlled by the MEMO System. The EPS is ideal for intermittently or infrequently used equipment and where an external power source is preferred. This option is available in a 4.5VDC, 12VDC and 24VDC

MEMOLUB® PLC driven

This system is both powered and programmed by your PLC. With this option, the MEMO System has been replaced with a Power-Through MEMO which connects your PLC to the MEMOLUB®. Just program your PLC to supply power to start and stop the lube cycle. This system was designed especially for PLC-controlled machinery and offers complete control over your lubrication requirements.



MEMOLUB® Splitter System

The 2-Point MEMOLUB® System is especially designed for the economical lubrication of two bearing systems, for example, electric motors, pumps, fans, etc.

The Splitter-MEMO evenly divides the output volume of lubricant during each lube cycle of a MEMOLUB® lubricator. It transforms any single MEMOLUB® lubricator into a two-outlet lubricating system.



MEMOLUB® MPS

The MEMOLUB® Multi-Point System is precise, reliable, and easy to install. This system can lubricate 2 to 12 lube points with just one lubricator. It contains all of the materials required to quickly put any model MEMOLUB® to profitable use in a multi-point application.



Typical Applications

- **Conveyors**
- **Pumps**
- **Electric Motors**
- **Bridge, Stacker, and Jib Cranes**
- **Air Makeup Units**
- **Roof Fans**
- **Air Conditioners**
- **Industrial Robots**
- **Waste-Water Equipment**
- **Heat Treat Furnaces**
- **Coal-Handling Equipment**
- **Paper Mill Equipment**
- **Mining Equipment**
- **Production Equipment of all kinds**
- **Chains**
- **Open Gears & Rollers**
- **Racks & Linear Bearings**

We would like to tell you more about the MEMOLUB® lubrication system, please call us at 1-800-635-8170 or visit www.memolub.com.

Reusable

A simple, low-cost replacement kit is all that is required to use the MEMOLUB® lubricators again and again with only seconds required to change the lube cartridge and battery pack.



Precise and Easy Programing

The Memo System is the part which regulates the grease output of the MEMOLUB® HPS, EPC and EPS lubricators. Using the 3 timing rings (which control the frequency of ejection cycles) and 8 stroke-limiting washers (which control the output volume), any one of over 52 output settings can be programmed on the Memo for precise lubrication.

MEMOLUB® HPS Specifications

Dimensions

Standard (Model 120).....4-1/2" x 4" (115mm x 101mm)
Mega (Model 240).....5-3/4" x 4" (147mm x 101mm)
Giga (Model 480)..... 10-3/8" x 4" (264mm x 101mm)

Cartridge Capacity

Standard (Model 120)..... 120cc (approx. 4 ounces)
Mega (Model 240)..... 240cc (approx. 1/2 pound)
Giga (Model 480).....480cc (approx. 1 pound)

Temperature Range..... 5°F to 120°F (-15°C to 50°C)

Operating Pressure.....350psi (25 bar)

Battery Pack.....4.5v Alkaline (optional Lithium)

Installation Thread..... 1/4" NPT (adapters optional)

Housing..... Translucent Nylon or Polycarbonate

Remote Installation..... Up to 40 feet (12 meters)

Output Adjustment..... 52 Settings

On/Off..... Immediate

Pressure Build-up..... Immediate

Check Function..... Yes

Reusable..... Yes

Applications..... 1 to 12 Lube Points (with distribution block)

Electronic Controls..... Quartz Timer, Microprocessor

Compatible Lubricants..... Oils and Greases (to NLGI #2)



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