



## MEMOLUB® EPS, 25 bar Lubrication system with 24V external power supply.



Memolub EPS is suitable for applications which are intermitted operated. The lubrication is secured, when the equipment is operated.

The Memolub EPS model can be installed direct on an application to lubricate 1 lubrication point of even 2 to 8 lubrication points. Connection scan be easy made with a flexible grease line.

The max distance to 1 point is 8 mtr. In the case of several lubrication points use the table. By two lubrication point we offer a splitter , by 3 or more we offer a progressive distribution block with max 8 possible

De Memolub EPS models are suited with a power cable to connect the external 24VDC. The standard length is 30 cm.

The power supply to the Memolub EPS can be on two ways::

- By connection a pulse ( 24 VDC) to start– each pulse start the lubrication cycles .and disconnect- new lubrication cycle – new pulse.
- By connecting the Memolub EPS on the start signal land continue. In that case the Memolub EPS will lubricate according his internal program .



The Memolub EPS is available in 3 sizes : Standard (120cc), Mega (240cc) and Giga (480cc). The size indicates the amount of grease and select the model of re-filling cartridge

Memolub re-fill cartridge are manufactured with the biggest care to limited the air in the cartridge

The sizes:



### IM Supply BV

Mekkelholtsweg 20  
7523 DE Enschede  
The Netherlands

Phone: +31 (0)74 256 9777

Cell phone: +31 (0)6 427 20 672

E-mail: [info@rm-support.nl](mailto:info@rm-support.nl)  
Internet: [www.im-supply.com](http://www.im-supply.com)  
[www.interes.eu](http://www.interes.eu)



Technical specifications	
Voltage	24 V DC
Amperage	0.5A max
Connecting wire	Blue: min, brown: plus, polarity safety is build in
Max. pressure	25 bar / 350 psi
Electronically regulator	Quartz timer, microprocessor
Power/off function	Power supply by PLC or power button
Amount of grease pro pulse	Adjustable by MEMO ring system
Lubrication media	Oil and Grease NLGI class 2/3
Temperature	-10 till + 50°C*
Connecting thread	¼ Inch BSP

\*Depending of the used lubricant . By isolation and protection other temperatures are possible.

**Memo system rings to adjust the lubricant**



Program – ring system of MEMO by a combination of 3 coloured rings : black, white and red



easy to adjust.

**Adjusting the frequency and amount of lubricant**

Ø50mm black	Ø44mm White	Ø38mm red	Daily pulse	Daily Output in cm <sup>3</sup>	Life span cartridge in months		
					120cc	240cc	480cc
X	X	X	24	15.1	0.25	0.5	1
	X	X	12	7.6	0.5	1	2
X		X	4	2.5	1.5	3	6
		X	2	1.3	3	6	12
X	X		1.5	1.0	4	8	16
	X		1	0.6	6	12	24
X			0.5	0.3	12	24	-



### Distribution Blocks



Grease splitter by 2 lubrication points. Also available as splitter for oils.



Distribution block till 8 lubrication points. Also available for 4 or 6 lubrication points.

### Maxim Distance based multifunctional grease NLGI 2, connection Ø internally 6 and connectors of M8

Viscosity	Direct on lubrication point	On distance	With splitter 2 lubrication points	With distribution block
1000 cSt	ok	8 mtr	4 mtr	6 mtr
3000 cSt	ok	6 mtr	3 mtr	5 mtr
5000 cSt	ok	4 mtr	2 mtr	4 mtr
9000 cSt	ok	2 mtr	1 mtr	2 mtr
15000 cSt	ok	1 mtr	NA	1 mtr

### Maxim Distance based multifunctional grease NLGI 0 connection Ø internally 4 and connections <M8

Viscosity	Direct on Lubrication point	On distance	With splitter 2 Lubrication points	With distribution block
1000 cSt	ok	4 mtr	2 mtr	3 mtr
3000 cSt	ok	3 mtr	1,5 mtr	2,5 mtr
5000 cSt	ok	2 mtr	1 mtr	2 mtr
9000 cSt	ok	1 mtr	0,5 mtr	1 mtr
15000 cSt	ok	0,5 mtr	NA	0,5 mtr

### IM Supply BV

Mekkelholtsweg 20  
7523 DE Enschede  
The Netherlands

Phone: +31 (0)74 256 9777

Cell phone: +31 (0)6 427 20 672

E-mail: [info@rm-support.nl](mailto:info@rm-support.nl)  
Internet: [www.im-supply.com](http://www.im-supply.com)  
[www.interses.eu](http://www.interses.eu)