

## Type MD125 Lubricators

The single-point lubrication system Type MD125 is a reliable and electronically controlled lubrication system with an electromechanical drive. It can also be used as a multi-point lubrication system by using of splitters or progressive distributors, and its extremely compact pump body and low weight make it particularly suitable for areas with limited space.

With its precise conveying technology, this system is suitable for automatic lubrication of roller and sliding bearings, gear racks, open gears, chains, ball screws, spindle drives and much more.

### Type MD125 - Flexible & Compact

Type MD125 is available in two model variants: The MD125-B works with a 4.5V battery and an operating pressure of 15 or 35 bar (218 or 508 psi - switchable). The type MD125-V is operated with 24V DC and can optionally be connected to the existing PLC. The higher operating pressure of up to 15 or 50 bar (218 or 725 psi - switchable) opens up even more application possibilities.

In addition to the 125 ml cartridge, a larger 250 ml cartridge can also be screwed onto this model. With the built-in display and micro-controller specific lubrication intervals can be programmed. Due to its compact dimensions, the type MD 125 is ideally suited for retrofitting in many applications.



### The Advantages of Type MD125 Lubricators

- ✦ Precise, reliable delivery of lubricant
- ✦ Battery operation, voltage supply 24V or connection to machine control system
- ✦ Delivery pressure 15 - 35/50 bar (174 - 508/725 psi) depending on design
- ✦ Emptying time 1 - 24 months
- ✦ Synchronization with the machine operating time possible
- ✦ Operating temperature -15 °C to +60 °C
- ✦ Visual warning of malfunction (LED and display)
- ✦ Visual inspection of the fill level possible at any time
- ✦ Empty report
- ✦ Flow rate independent of temperature
- ✦ Connection of hose line possible \*
- ✦ Delivery of oils and greases up to NLGI-2
- ✦ Compact dimensions
- ✦ Special fillings available
- ✦ Adaptable to splitter / distributor

\* Hose length depends on lubricant and application

## Technical Data

Lubricator Model		Type MD125-B	Type MD125 -V
Lubricator Order Code		65 70 040	65 70 041
Lubricant Cartridge Order Code	Lubricant Type 1 125 ml	65 70 042	
	Lubricant Type 1 250 ml		65 70 043
	Without Lubricant 125 ml	65 70 046	
	Without Lubricant 250 ml		65 70 047
Drive Type	Electro-Mechanical (Reusable)		
Operating Pressure	15 / 35 bar (switchable) 174 / 508 psi (switchable)	15 / 50 bar (switchable) 174 / 725 psi (switchable)	
Settings	1 - 24 Month	1 - 24 Month or Individually Adjustable	
Time or Pulse Control	Time Mode	Time Mode or Pulse Control Individually Adjustable	
Lubrication Volume	125 ml	125 ml / 250 ml	
Lubricating Medium	Oils & Greases Up To NLGI 2		
Temperature Range	Al-Battery +15 bis / to +60°C Li-Battery -15 bis / to +60°C	-15 to +60°C	
Operating Voltage	4.5 V *	24V DC	
Weight Empty	350 g (without cartridge)		
Dimensions H x Ø	152 x 83 mm		
Outlet	M16x1.5 / M10x1		
Performance Monitoring	Display with LED		

\* Batteries are not included

## Components

