

AUTOMATIC LUBRICATOR SYSTEM

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ME0101



OPERATION INSTRUCTIONS

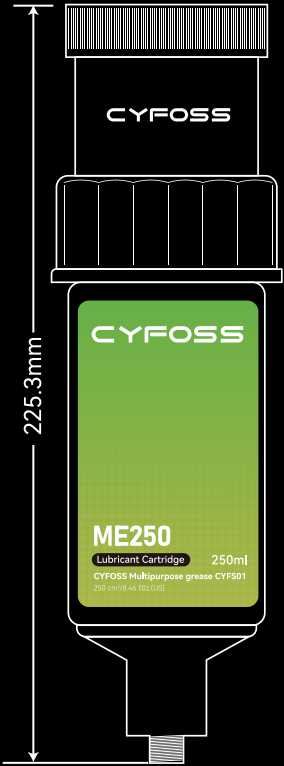
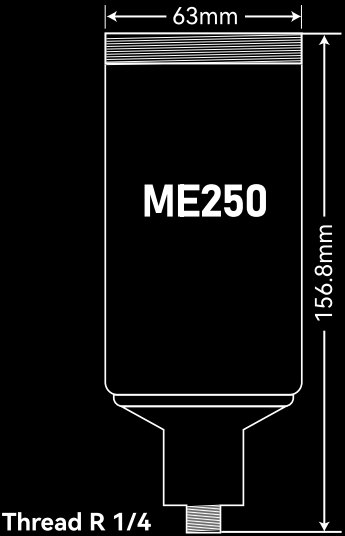
ACCESSORIES LIST

Product Name	Battery Pack	125ml Cartridge	250 ml Cartridge	Driver
Product Type	ME-BAT	ME125	ME250	ME01

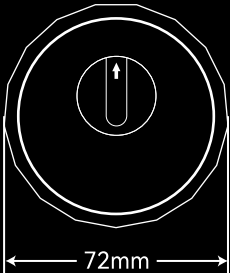
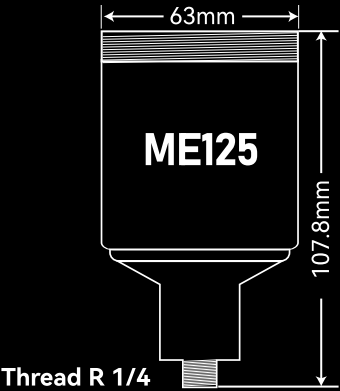


PRODUCT SIZE

1.Single point automatic lubricator 250ml



2.Single point automatic lubricator 125ml

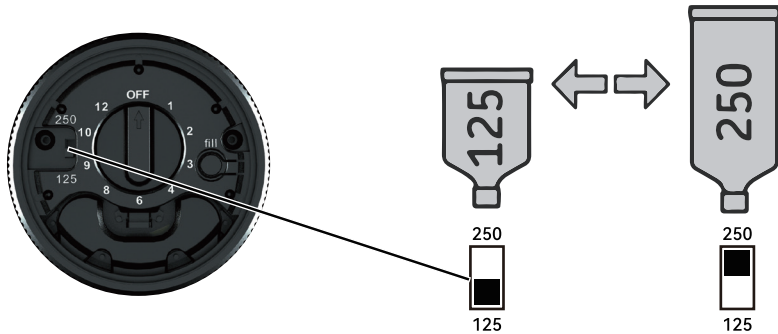


PRODUCT FUNCTION

1. When the battery-pack is installed into the driver unit, all three-colored indicator lights will illuminate and driver will be reset to initiate the calculation of lubricant dispensing volume.



2. Use the selector lever to choose the grease cartridge model (125 or 250ml). The "125" model dispenses 0.26 ml of lubricant per cycle, while the "250" model dispenses 0.52 ml per cycle.



3. Use the selector knob to set the required lubrication frequency. The number indicated on the knob represents the total duration (in months) required to fully dispense the lubricant. For example:

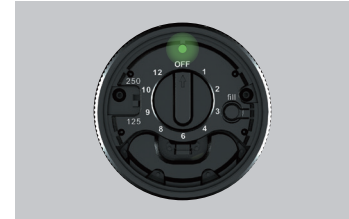
- When the knob points to "3", the lubricant in the reservoir will be completely dispensed over 3 months.
- When the knob points to "OFF", the lubricator temporarily stops dispensing lubricant.



PRODUCT FUNCTION

4. Indicator light function

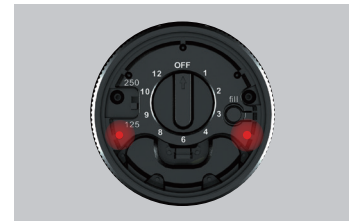
(A) Flashes once every 30 seconds, indicating that the lubrication system is operating normally.



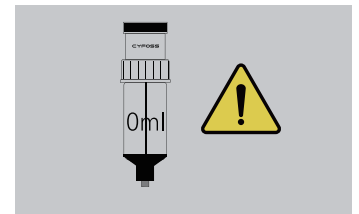
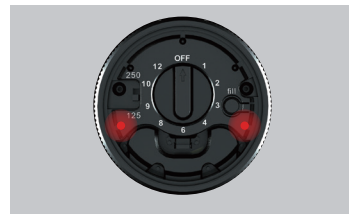
(B) Light flashes once every 5 seconds, indicating low battery and prompting battery replacement.



(C) The red light flashes once every second, indicating a system error that requires inspection (usually caused by exceeding the maximum operating pressure; the system can typically return to normal after power cycling).

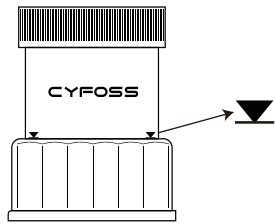


(D) The red light flashes once every 10 seconds, indicating that the lubricant is nearly depleted and needs to be replaced. When replacing the lubricant, the power must be turned off and then back on to restart the system, during which all three indicator lights will briefly illuminate. It is recommended to replace the battery pack at the same time as the lubricant.

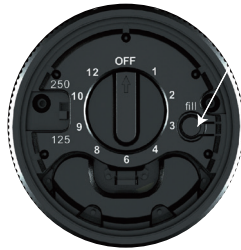


PRODUCT FUNCTION

5. When installing the drive onto the grease cup, rotate the locking ring until the arrow on the drive is fully visible.



(5)

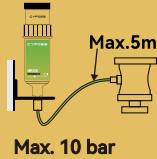


(6)

6. Quick Fill Function: Press the “fill” button once (the green light will flash once) to quickly dispense 30 ml of lubricant. After the quick fill is completed, the system will resume operation based on the dispensing frequency set by the dial. If the “fill” button is pressed again before the quick fill is complete (the green light will flash twice), the quick fill will be canceled, and the system will immediately return to the dispensing frequency set by the dial. The position of the dial and switch does not affect the use of the “fill” button.

Precautions

1. The battery is non-rechargeable and must not be thrown into fire.
2. Lubricant MEGL02 has a shelf life of 2 years.
3. The lubrication system operates within a temperature range of -20°C to 60°C .
4. The lubrication system's maximum operating pressure is 10 bar, and the pipeline length should not exceed 5 meters (inner diameter 6.5 mm).
5. The dustproof and waterproof rating is IP65.



PRODUCT PATENT

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Patent Number : ZL 2024 3 0406189.9
ZL 2024 2 1525533.7

