


### Operating Principles

The Technolube MS series unit turns “On” or “Off” in synchronization with the equipment on which it is installed. It will dispense the preset amount of grease as long as the machinery is operating. If the machinery is turned off the Technolube MS goes into standby mode and stops dispensing lubricant until the machinery is back in operation.


The MS is an externally powered unit. The Power Supply connected to the machinery or PLC powers the lubricator. Therefore there is no need to replace the internal battery when the grease refill pack is installed.

### MS Lubricator

Specifications	Description	Image
Models Available	60ml, 125ml, 250ml, 500ml and OL500	
Normal Operating Pressure	30kgf/cm <sup>2</sup> (425psi)	
Operating Temp range	-15°C - 60°C (5°F - 140°F) with standard battery pack	
Multi Point Lubrication	Up to 8 points	
Power Supply	Available in VAC and VDC	
Back Up Power Source	DC 4.5V Replaceable Alkaline Battery	
Other Functions	Same as the Technolube M series lubricator.	

Product upgrades may occur without prior notice for quality purposes.

### Power Supply Adapter/Converter

Specifications		MS VAC AC- DC Adapter	MS VDC DC- DC Converter	Image
Voltage Rate Input Range		100~220V, 50~60Hz	12V ~ 24V	
Voltage Rate Output Range		5.0V, 2A	5.0V, 2A	
Power ON Indicator		Red LED	Red LED	
Relay Box Dimensions(mm)		85(D) x 49(W) x 32(H)	85(D) x 49(W) x 32(H)	
Wire Length	Power Supply	Input	1 meter	
		Output	4.5 meter	
Lubricator		90mm	90mm	

**Please Note:** The MS Power Supply was designed specifically for the MS unit. The Product Warranty will be null and void if any other type of unspecified adapter or converter is used.

### The Technolube MS functioning process

