

SI500 Single point intelligent lubricator

Product Overview

The SI500 single point intelligent lubricator can determine the lubrication status of equipment based on associated vibration data, automatically or through software issued instructions to inject grace into equipment. It is suitable for intelligent lubrication of industrial equipment such as motors, fans, pumps, etc. The product integrates Bluetooth mode, 4G mode, and Zigbee mode, which can be connected to the mobile app for data collection through Bluetooth and directly connected to the cloud through 4G.



Key Features

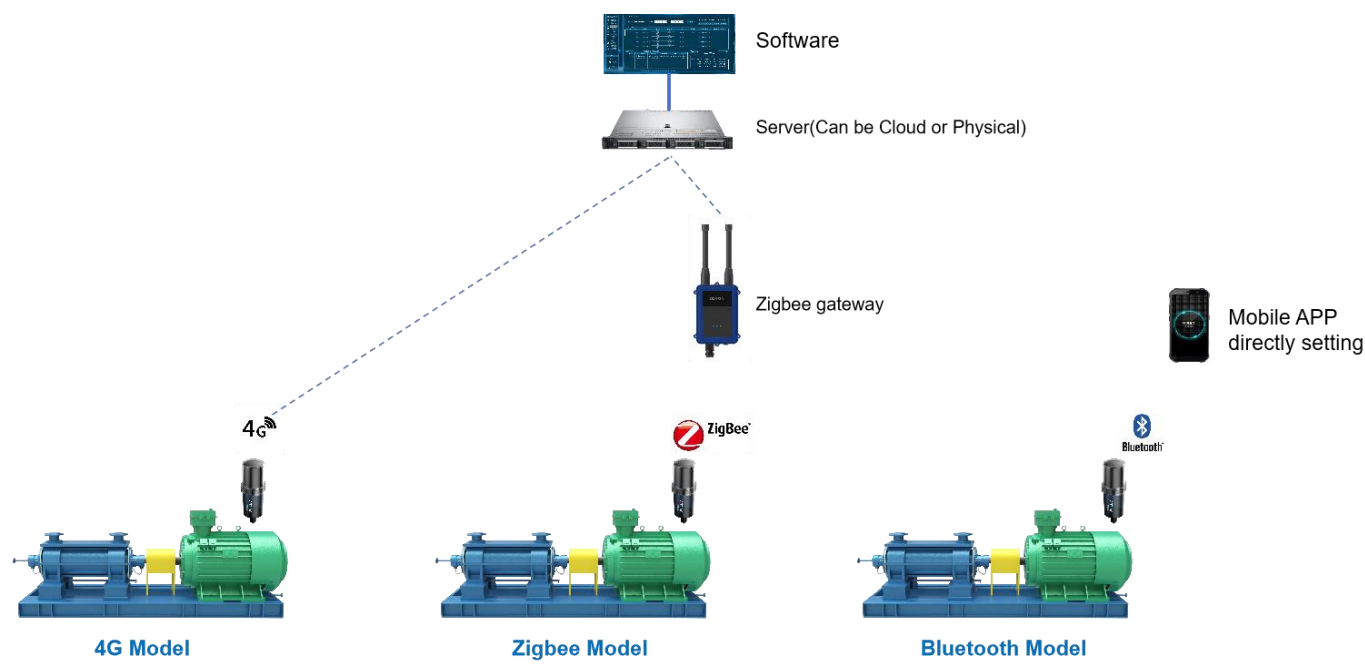
- Provide intelligent lubrication for equipment such as motors, pumps, fans, etc;
- Unmanned injection of lubricants to reduce O&M costs;
- Associated with vibration to avoid unreasonable oiling;;



Main Parameters

	SI500
Maximum Lubrication Pressure	≤5bar
Injection Method	Timed injection or Associated vibration injection
Grease Capacity	300ml
Minimum Daily Injection Volume	0.82ml/day
Maximum Daily Injection Volume	10ml/day
Working Temperature	-30°C~+70°C
Working Pressure Range	0-5bar max
IP Grade	IP65
Explosion-Proof Grade	Ex ib IIC T4 Gb
Evacuation Time	1/2/3/4/5/6/7/8/9 Months
Thread Specification	G1/4
Drive Mode	Drive by deceleration motor
Battery	3.0Ah Lithium Iron battery
LED Status	Yellow light (every 5 seconds) high back pressure reminder Red light (every 5 seconds) error stop reminder Red light (every 2 seconds) lubricant box empty reminder
Storage Life-Span	3 Years (Depends on different grease)
Material	PCTG --- Injection box PAGF --- Head of lubricator
Communication	Bluetooth 5.0、ZigBee、4G

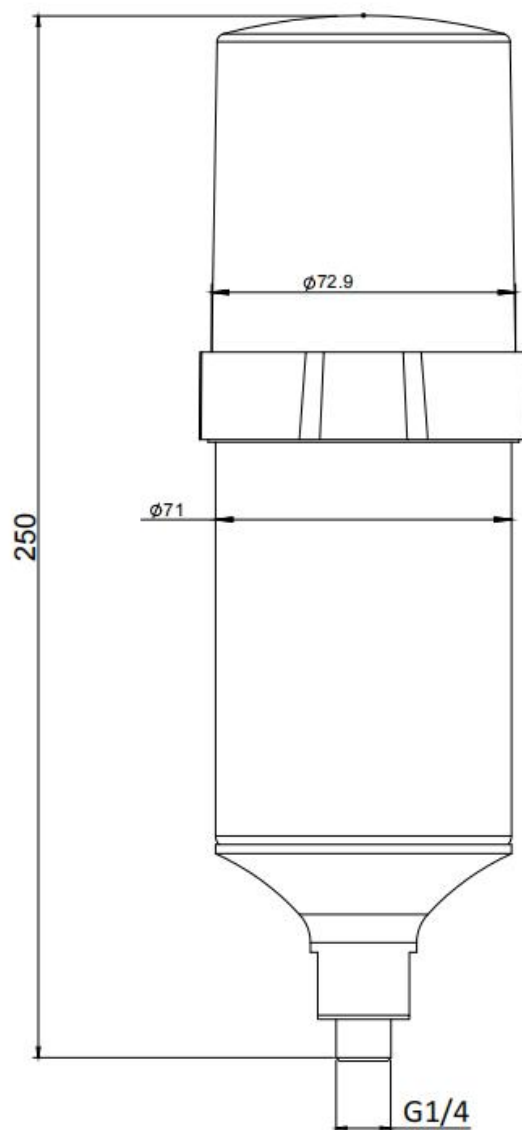
System Diagram



Dimension

Diameter 72.9mm, Height 250mm

Unit: mm



Optional

1	<i>Replaceable grease injection box</i>	
2	<i>Mars (monitoring software)</i>	