



LUBE CONTROLLERS

FOR AUTOMATIC LUBRICATION SYSTEMS

Why Lubrication controller is required ?

The **Lube controllers** are actually the electric power controller for the Automatic Lubrication System Pumps that can supply the precise quantity of lubricant to the lube points (or) a Frictional points of a machine. By controlling the power supply we can achieve the perfectly optimum lubrication with respect to the quantity and time which leads to the seamless operation of the machines.



LC -111



LC -110



LC - 108 D



LMT



LC - 109

RIKKON GROUP OF COMPANIES

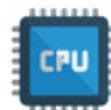


LC - 108D CONTROLLER

The LUBER Controller LC-108 D comes with the data logging and mobile bluetooth connection feature. This controller can get the feedbacks upto 10 number from the sensors, Which helps in controlling the timer completely with the help of mobile itself. And with the data logging pc connection along with the real time helps in getting details about what is the error with in system.

LC - 108 D controller specifications

1. CPU	7. Relay Outputs
2. Power Regulator	8. Status Inputs
3. LCD Display	9. Navigation Keys
4. Bluetooth module	10. Buzzer
5. GSM / GPRS module	11. Real Time clock
6. Sensor Inputs	12. Log Memory



Different Types Of Digital Sensor Input For LC - 108D

1. Proximity Sensor - 0 V / 24 V DC I/P.
2. Pressure Transmitter - 4 to 20 mA I/P.
3. Wheel Sensor - I/P.
4. Limit Switch I/P - 10 Nos.
5. Low Level Switch - Pulse I/P in stirrer model continuous I/P in Follower model Pumps.

LC -108D Controller Details in short



SMS Notification for Errors upto 4 Phone Numbers Provided With Setup

Any fault Detected Buzzer gets Activated

Controller Logs can be viewed with both Android mobile & Windows PC / Laptops

LUBERR Android App for Controller Setup & Logging

● **LC- 110 LUBE CONTROLLER** ●



The **LUBE CONTROLLER 110** has a simple and neat interface that makes it easier for the power on time setting for the user and it has three operating keys for complete setup and it also has the simple display that indicated the system status and the LED indication lights provided the notification of power and fault. This controller has the data logging feature through PC.

Note: This model has the IP - 65 closure for water proof

● **LC- 109 LUBE CONTROLLER** ●



The **LUBE CONTROLLER 109** has a facility to view the current status of the pump with the display in it and also with the data logging feature of this system. Mostly this controller LED indicators helps the most in finding the informations about the system. In this LC-109 system the pumps operating time is provided using the control panel keys near the display.

● **LMT** ●

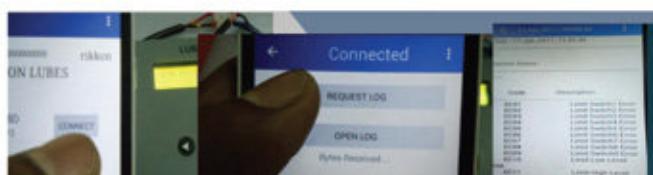


The **LUBERR MECHANICAL TIMER** is the simple operated controller with just a knob to set the time for pump power on duration. And the power on time can be set for about 5 min Maximum (Time will be mentioned with seconds). This controller is made so simple & elegant just for timing control alone.

Max of 5 min timing ,& Easy installation

LUBE CONTROLLERS Comparison chart

Features	LC-108D	LC-111	LC-110	LC-109	LMT
Display	LCD Type	LED 7 Segment	LED 7 Segment	LED 7 Segment	No Display
Enclosure Protection	IP-65	IP-65	IP-65	IP-65	IP-65
LED Indicators	Yes	Yes	Yes	Yes	No
Fault Indicator	Yes	Yes	Yes	Yes	No
Buzzer Alarm	Yes	NA	NA	No	No
Bluetooth Connection using Application	Yes	Yes	Yes	No	No
Data Logging with RTC	Yes	Yes	Yes	No	No
Relay Rating	Max 20A	Max 12A	Max 12A	Max 4A	No
Operating Voltage	10-30 VDC	10-30 VDC	10-30 VDC	10-30 VDC	12 / 24 VDC 230VAC
Number of Feedback Correction Possible	10	3	3	3	No
Low Level Sensor Input 1	Yes	Yes	Yes	No	No
Proximity Sensor Input	Yes	Yes	Yes	No	No
GSM Connection For SMS Alerts	Yes	Yes	No	No	No
Solenoid Output For Injection Mode Operation	Yes	No	No	No	No
PC Connection Using USB Port	Yes	Yes	Yes	No	No
ON time Range	1-99 min	1-99 min	1-99 min	1-99 min	0-5 min
OFF Time	0-99 min	0-99 min	0-99 min	0-99 min	No
Wheel Sensor Input For Track LUBERR	Yes	No	No	No	No
Pressure Transmitter I/P	Yes	No	No	No	No


Data Logging Feature with Windows PC

Data Logging & Timer control Feature with Android Application
contact us

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