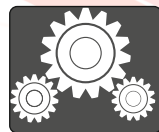
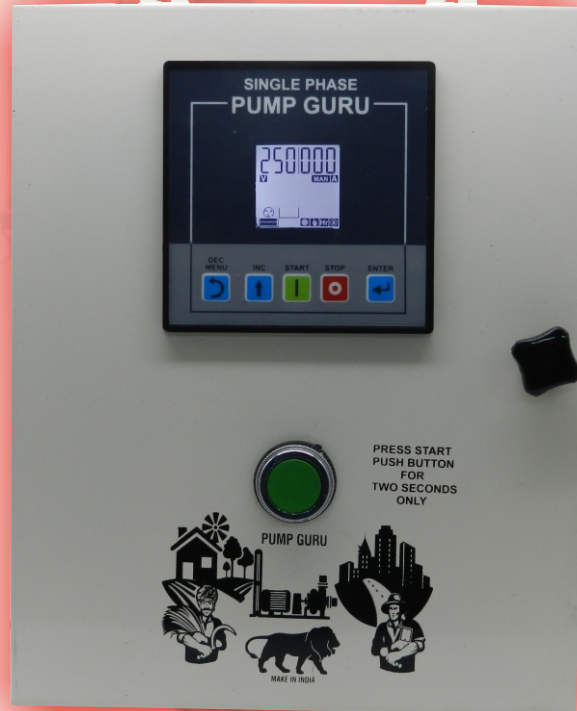


PUMP CONTROLLER

PUMP GURU



Setting



Auto / Manual



Total hours



Alarms

The most Innovative Technology

for complete care of your pump



Pump Guru is designed with latest technological features, functions & options to cater the wide demand from domestic to industrial pump with global acceptance

- Excellent Control
- High Reliability
- Efficient pump control
- Compact in size
- Clear & visible LCD Display
- 12 types of protection features
- Graphic indication of pump running
- Proven Track Record

Small | Efficient | Economical

Applications:

PUMP GURU is an Intelligent Pump Controller , easy to use, Control & Protection Device for Direct Start (DOL) or Star Delta Three Phase deep well submersible pump, centrifugal pump, pipeline pump etc with output power from 0.75 KW ~ 75 KW (1HP-100HP)

PUMP GURU has many operation modes by adopting different electric installations. An important feature that makes the difference between PUMP GURU and common On/Off pump control box is the probe / sensor free in the well. Our special design makes it a very reliable and sensitive protection against pump dry run without installing probe / sensor in the well. Pump Guru protects Pump against major faults which affect the smooth operation & also increases the life of Pump by displaying Alarms which can be useful for preventive maintenance.

Features

◆ Protection for Pump

- | | |
|--|---|
| 1. Over Current (Over Load) Protection | 7. Pump Dry Run Protection |
| 2. Over Voltage Protection | 8. Pump Stalled / Short Circuit Protection. |
| 3. Under Voltage Protection | 9. Earth Fault Protection. |
| 4. Phase Reversal Protection | 10. Pump Moisture Protection. |
| 5. Phase Loss Protection | 11. Pump Over Heat Protection |
| 6. Phase Unbalance Protection | 12. Low PF Protection |

◆ Graphical Display

1. Graphical LCD Displaying Pump running state & water level indication of both tanks
2. Display of all Three Phase Voltage & Three Phase Current continuously
3. Display of Power Parameters – KVA / KVAH , KW / KWH , HZ / PF
4. Pump Running Graphics
5. Pressure Level Status – Pressure High / Low
5. Display of last Twenty Faults
6. Total Pump Accumulative Running Time Display
7. Pump Last Run Time Display
8. Selection of Auto / Manual Mode

◆ Pump Operation

1. Auto / Manual
2. Time Based ON/OFF
3. Real Time ON/OFF
4. Multi Tank Level Operation.
5. Water supply by pressure control through Pressure Tank and Pressure Switch
6. Water Supply by Level control through Level probe or Float Switch
7. RS485 RTU Modbus Communication for PC Interface to Monitor / Control from Remote Location

◆ General

1. User-Friendly wiring connection
2. Integrated Design, Easy To Install
3. Industrial Grade Design

◆ Optional

1. Level Card
2. Modbus RTU
3. CBCT Coil
4. Level Probe
5. Temperature & Moisture fault contact of motor
6. **Gsm Based Mobile Application Control**

◆ Areas of Applications:

- | | |
|-----------------------------|---------------------------|
| 1) Farm & Agriculture | 5) Commercial Buildings |
| 2) Multi- Storey Apartments | 6) Industries |
| 3) Hotels & Restaurants | 7) Government Water Works |
| 4) Hospitals | 8) Bungalows |

