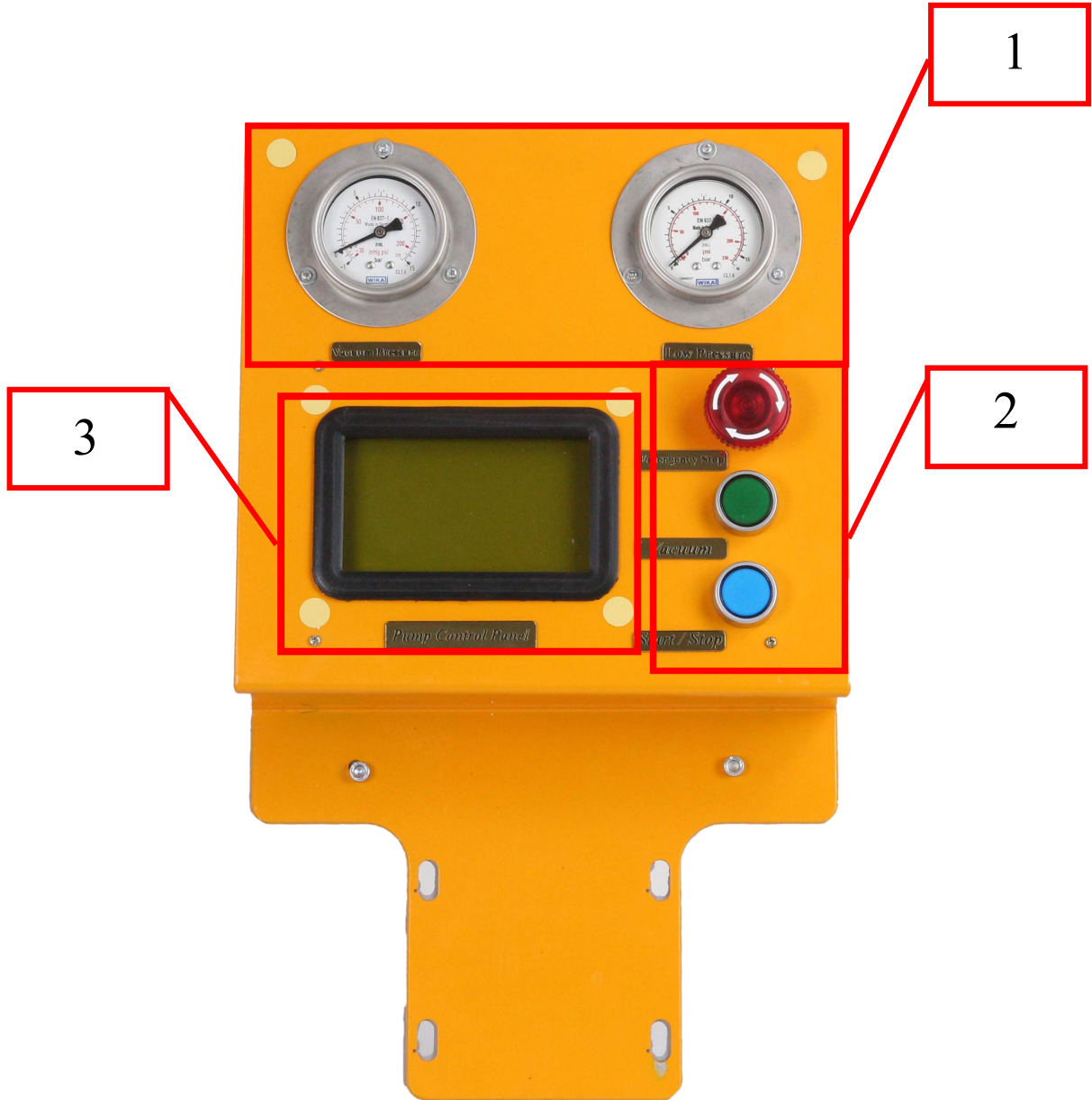


User Guide for Smart Control Panels



1)Manometers: In this section, there are 2 manometers to show the Pressure of the pump in 2 stages. The first one shows low pressure, the second shows vacuum pressure.

The range of this manometers are as follow:

- Low pressure: 0~25 Bar
- Vacuum pressure: -1~15 Bar

2) *Electric switches*: In this section, there are 3 switches, and a light.

All components are describing at below:

- **Emergency Stop**: It will use to turn on the LCD and whole switches and use to turn them off.



- **Alarm**: This **Red** light in Emergency Stop switch will be lit up at start and will lit up and off to show the warnings in system in 2 conditions that are describing at below:
 - When water tank level is less than 20%
 - When the rotational speed is more than 4000 rpm.
- **Vacuum**: By pushing this key, the vacuum mode of the pump will start and you can use it to vacuum water. If the pressure reaches 1 bar, it will automatically cut off the Prime.



- **Start/Stop**: It will use to turn on the LCD and whole switches and use to turn them off.

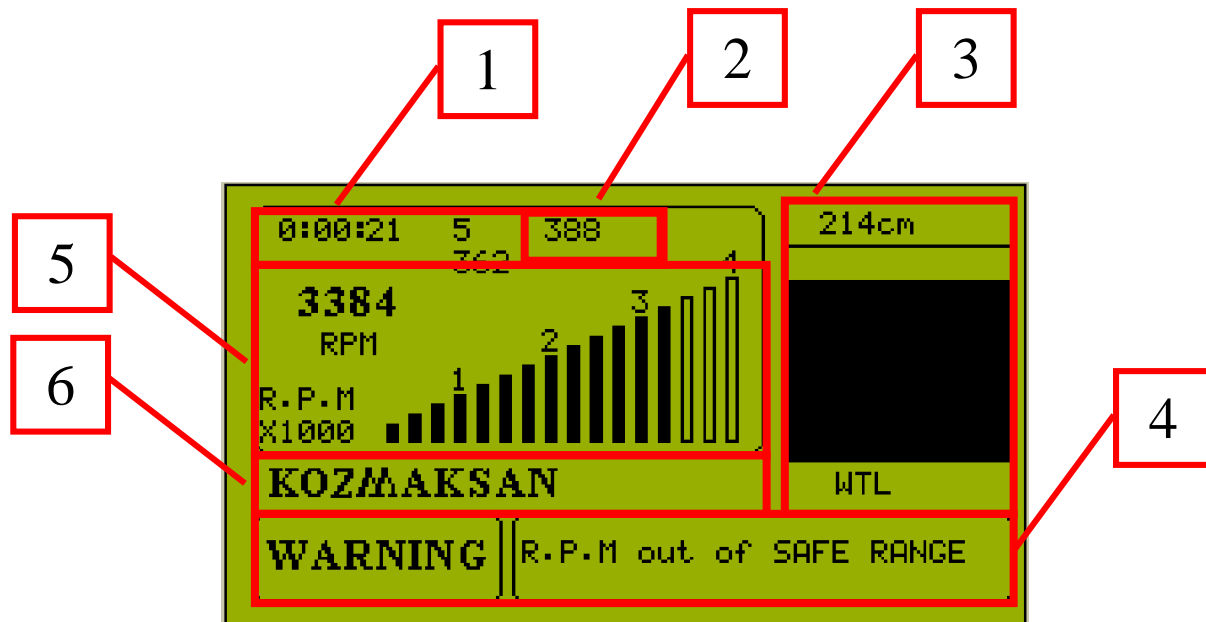


3) *LCD*: In this section, you can monitor parameters as below:

1. The time that panel already has been turned on.
2. Number of pages that data are saving in memory.
3. Water tank level
4. Warnings

WARNING	Check W.T.L Sensor/Wire
WARNING	Water Tank Near to Empty
WARNING	R.P.M out of SAFE RANGE

5. Rotational speed of pump in R.P.M.
6. Producer Co. name.



Note: Whole switches, manometers and LCD has Label to help user to find his way on panel.