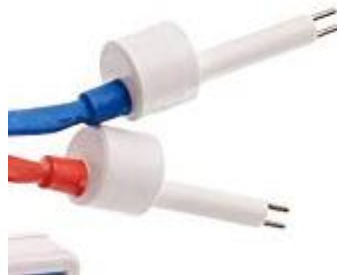
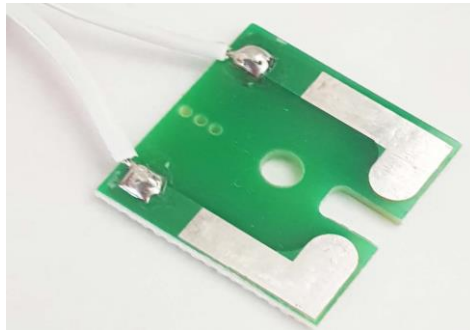
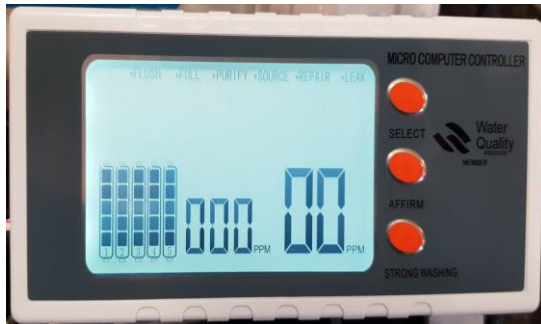


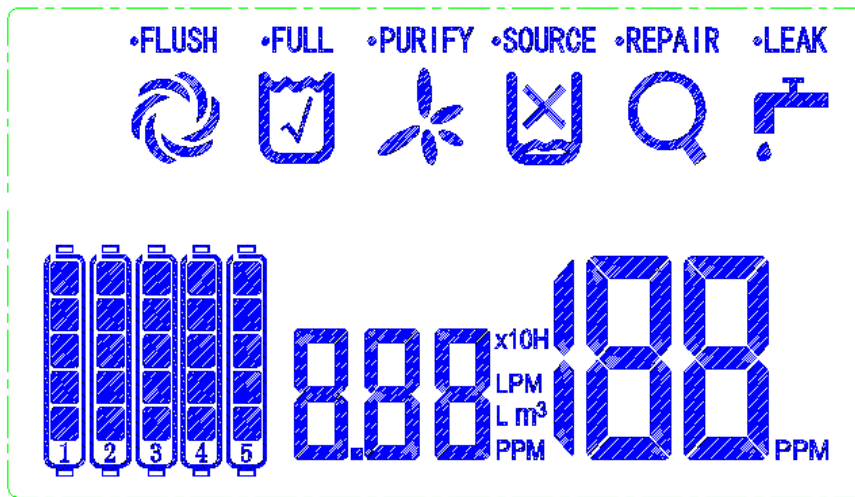
Computer Board "LCD"



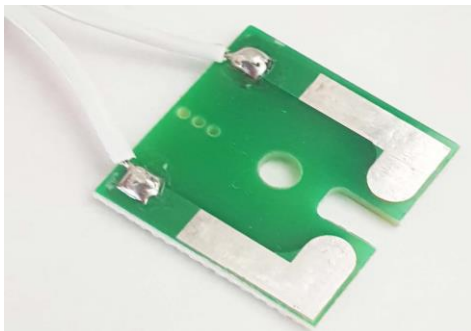
Computer Board "LCD"

SPECIFICATION

The Screen





LEAKAGE SENSOR










TDS SENSORS



The LCD led controller works fully automatically. It helps to clean the membrane, prevent the rise of the bacteria and extend the life of the membrane. The signs on the display show the system's work:

<p>•FLUSH</p> 	<p>The sign is on, when the membrane flushing process is started. The automatic membrane cleaning can be done every 7-8 hours or immediately after long work period of time. The time of flushing can be adjusted between 0,5 – 1,5 min.</p> <ol style="list-style-type: none"> 1. When power is turned on, the buzzer will beep one time and the machine will flush membrane for 90 seconds. 2. If click flush key in purifying state, the machine will flush membrane for 90 seconds. 3. When exit from source state, the machine will flush membrane for 30 seconds. 4. After working for 2 hours accumulatively, the machine will flush membrane for 30 seconds. <p>When the machine flushes membrane, the flush sign will twinkle;</p>
<p>•FULL</p> 	<p>The sign is on, when the machine is filled up with water. When the high-pressure switch is opened and the machine purifies water for more than 10 minutes, the machine will flush membrane for 5 seconds. (Pump and inlet switch and flush switch are on) If the machine purifies water for less than 10 minutes, flush switch will turn on for 10 seconds.</p>


Computer Board "LCD"


	<p>The sign is on when the machine purifies the water. If low-pressure and high-pressure switch are closed, the purify sign will twinkle.</p>
	<p>The sign is on, when the inlet water pressure is not enough. If low-pressure switch is open, the source log will twinkle.</p> <ol style="list-style-type: none"> 1. If the low-pressure switch is open for more than 60 seconds continuously, the machine will be in source state. 2. If the low-pressure switch is closed, machine will flush membrane for 30 seconds. <p>The pump and inlet switch and flush switch are all off. The buzzer will beep 10 times.</p>
	<p>The sign is on, when something is wrong and need to be repaired. If the machine purifies water for more than 6 hours continuously, and there is no full tank or the machine is not filled up, the machine will go in repair state.</p> <p>The pump and inlet switch and flush switch are off. The buzzer will beep.</p>
	<p>The sign is on, when the machine has leaking. If the leakage sensor detects water-leakage for more than 5 seconds, the machine will go in leakage state.</p> <p>The pump, inlet switch and flush switch are off. The buzzer will beep.</p>
	<p>Filter service life. 1,2,3,4,5 represent the life of 5 filter.</p>
	<p>LCD display shows the INLET water TDS. The 3 small digitals on the left will show the ingoing water TDS value. (Measuring range 0-999)</p>
	<p>LCD display show the PURE water TDS. The 2 big digitals on the right will show the pure water TDS value. (Measuring range 0-199)</p>


Key Function


There are 3 Keys on the board. Select key, Affirm key, Flush Key.


- Select key function


 First click, in Set-Mode;

 Second click, First filter life reminder will twinkle, click affirm key, then reset the count of the first filter life reminder;

 Third click, Second filter life reminder will twinkle, click affirm key, then reset the count of the second filter life reminder;

 Fourth click, third filter life reminder will twinkle, click affirm key, then reset the count of the third filter life reminder;

 Fifth click, Fourth filter life reminder will twinkle, click affirm key, then reset the count of the fourth filter life reminder;

 Sixth click, fifth filter life reminder will twinkle, click affirm key, then reset the count of the fifth filter life reminder;

 Then Cycle

If there is no buttonaction for 5 seconds, exit the setting mode.

Computer Board "LCD"

- Affirm Key Function
Determine what is selected.
- Flush Key Function
Click the flush key in Purify mode, the machine will flush membrane about 90 seconds.

Filter Life Replacement Reminder

There are 5 levels accumulate water purifying time.

Wires

No.	Color	Peripheral	No.	Color	Peripheral
1	Yellow	Low pressure Switch	7	Yellow	Low pressure switch
2	Blue	High pressure Switch	8	Green	Pump
3	Blue	High pressure Switch	9	Black	Inlet valve
4	Red	Flush valve	10	Red	Flush valve
5	Green	Pump	11	White	24Vdc
6	Black	Inlet valve	12	Pink	24Vdc