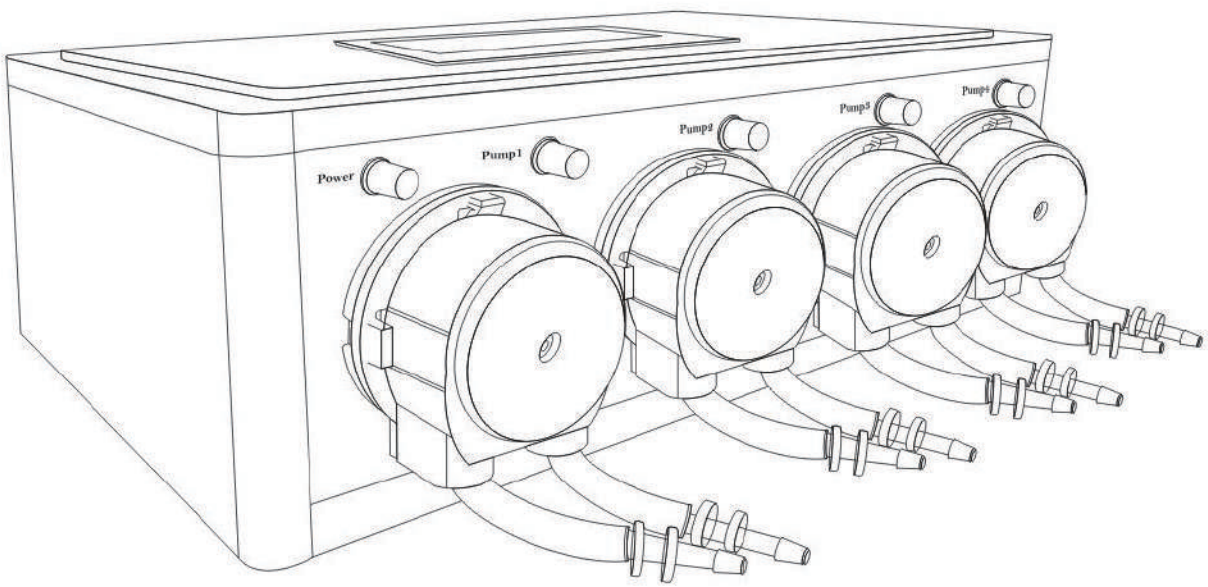
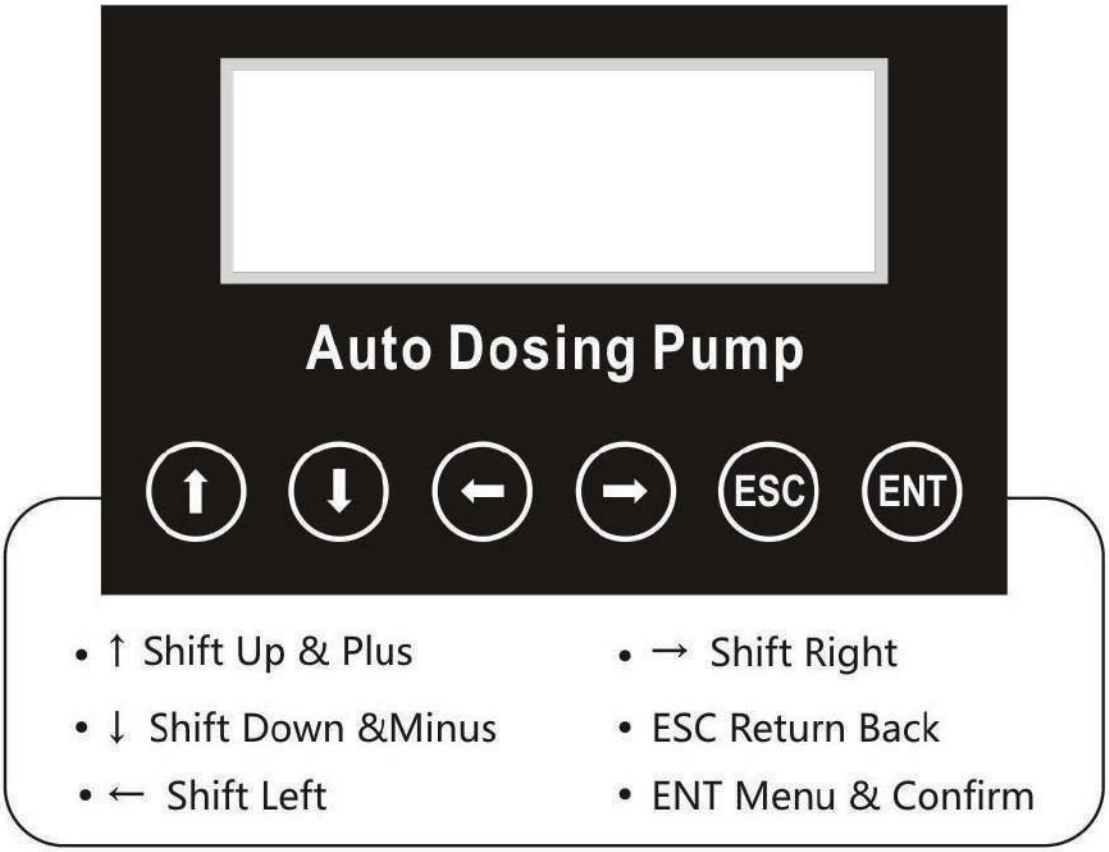
DC DOSING PUMP USER MANUAL
NO:HG-932D4P



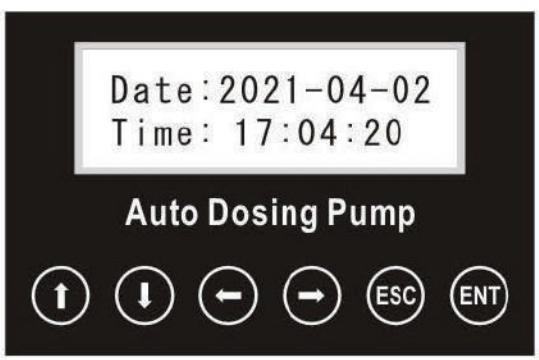
NOTE: This dosing pump is a modern product which enables you to add different kinds of nutrient liquids to your tank at certain times in certain portions automatically. Before operating, please read the manual carefully. Inappropriate use will lead to inaccurate dosing.

1.Control Panel Overview

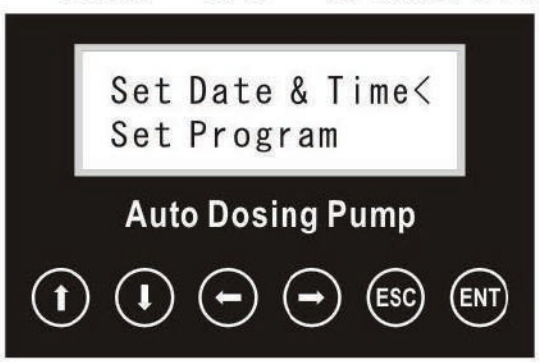


- **Setting Date and Time**

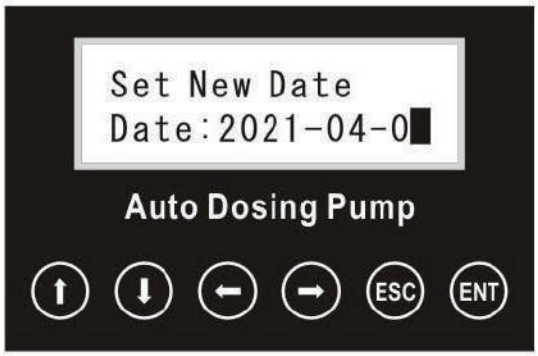
— When you connect DC power, in order to enter the main interface, you will first need to set the local time.



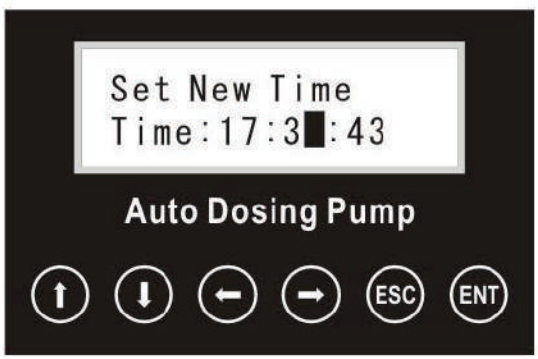
— Press "ENT" to enter Setup Menu.



— Set Date&Time by pushing "↑" "↓", when "<" point to "set Date &Time", press "ENT".

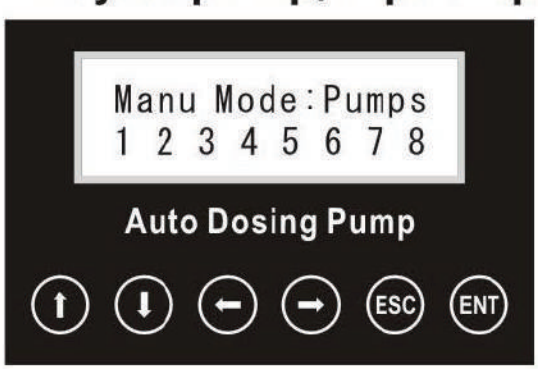


— Press "←" "→" to shift between date setting and plus or minus by pressing button. Press "ENT" to save the data and shift the clock setting window.



— Press shift "←" "→" button to select the time. Press "↑" "↓" to set time then press "ENT" to save and return back to main interface.

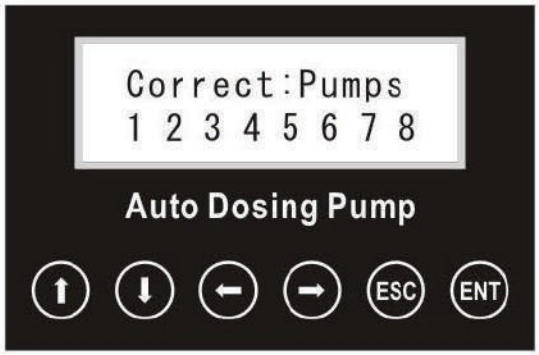
• Adjust pump, Input liquid



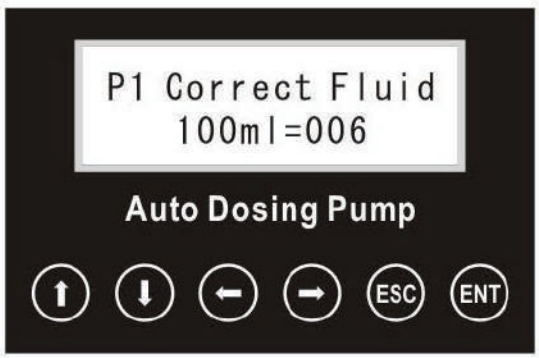
— On the main interface, press either "←" or "→" button to enter the adjust mode. To select the pump by shift the "←" "→" button and confirm the pump by press "ENT".

— Before using, input the liquid desired and check if each pump can work normal by Manual Setting. Then put the hose into the liquid to ensure the hose is filled with liquid.

• Flow rate calibration



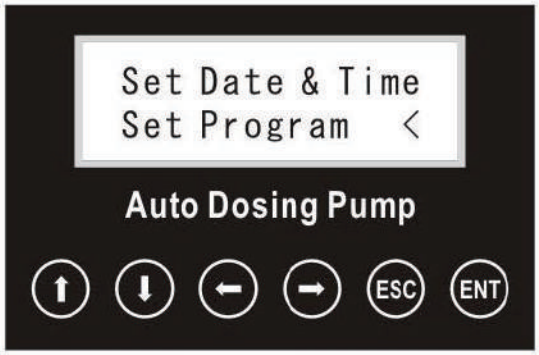
— On the main interface, press "↑" or "↓" button to enter Flow Rate Calibration interface. Select the pump by shift "←" "→" and calibrate by press "ENT".



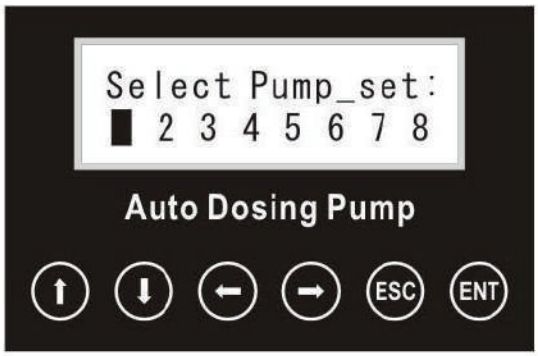
— Calibration: Find a measuring cylinder (larger than 100ml), put the pump outlet hose into cylinder, and put the inlet hose into liquid. Press "↑" to start. The interface number adds from 0. View the cylinder liquid. When number shows 100ml, press "↑" to stop. Save this numerical value. Press "ENT" to save and back to the "Correct: Pumps" page. Follow the same method for setting other pumps. Press "ESC" after finishing all pumps.

★ Please keep the machine on a horizontal plane during use or manual. This will increase precision.

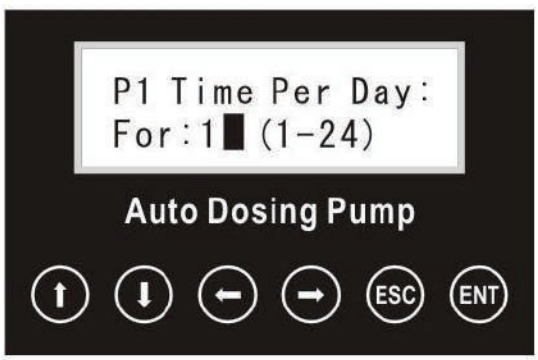
• Auto-Control setting



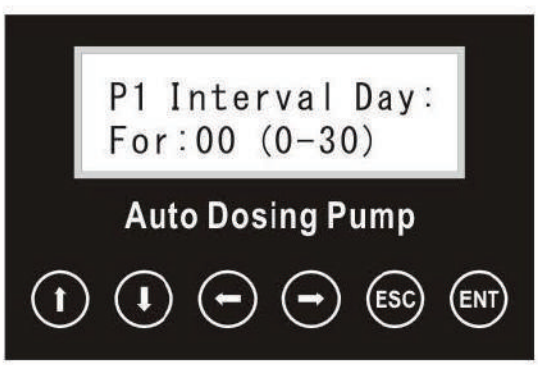
— On the main interface, Press "ENT" to enter setting menu. Press "↑" or "↓" button, select the "set program" when "< " point to "set program" press "ENT" to "Select Pump_set" .



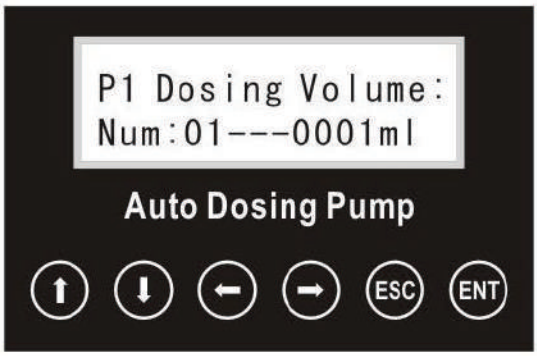
— Pump choose: press "←" "→" to select the pump, one dosing pump, choose 1,2,3,4 pump. Connecting a sub-machine, choose 5,6,7,8 pump. Choose the setting pump, press "ENT" to set the dosing times.



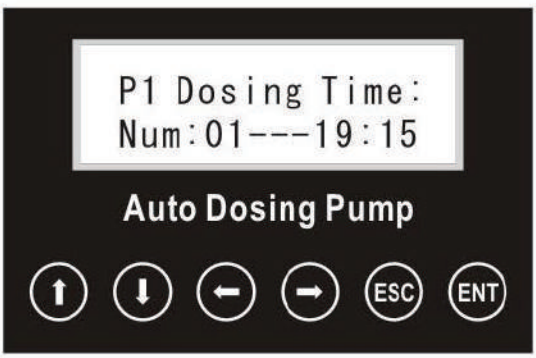
— Dosing times: According your request to set the dosing times. Choose 1-24 times per day, Press "↑" "↓" to plus or minus. Press "ENT" to enter the day time setting face.



— Interval Day: You can choose 0-30 days as an interval time. 0 means no Interval and the pump will dosing everyday. 1means interval one day and the pump will dosing the day after tomorrow.Biggest is 30 days. Press "↑" "↓" to plus or minus the days. Press "ENT" to enter the interface setting the first dosing volume.



— Dosing Volume: The dosing volume of per time. Press "←" "→" to set the volume, press "↑" "↓" to plus or minus,Max.9999ml. Press "ENT" to enter the first dosing time setting.Fig. "1" means 1st time.



— Dosing time: Set the pump work time as per request, let the pump work at fixed time. Shift "←" "→" to choose the hour, minute. Press "↑" "↓" to plus or minus. Press "ENT" to enter the next dosing volume setting. Set each time' s volume and time one by one. Press "ENT" back to the choose face, choose other pump setting. Press "ESC" to back the pump choices. When finished with all pumps, press "ESC" back to the main interface.

2.Warning

1.The pump is intended for indoor use only and keep away of moisture.

2.Please place the machine on the horizontal plane and far away from water in order to avoid damage.

3.Do not use it for the corrosion liquid or the liquid which is easy to crystal.

4.Do not put the inlet hose into the corrosion liquid or the liquid which is easy to crystal.

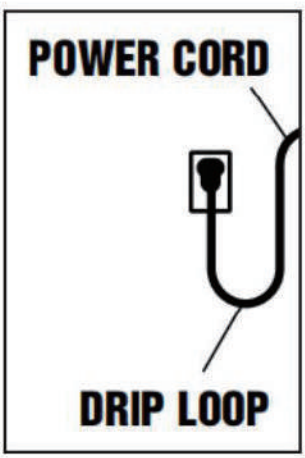
5.Before use, please must make full of the inlet &outlet hose with liquid via manual mode, and calibrate the flow rate of each pump. To ensure the precision on the work process.

6.Operation is unable to stop unless unplug power supply and reset the dosing volume and time.

7.Do not disassemble the product, in case of the damage if not professional or not instruct by professional.

8.Do not use the pump for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.

9. A "drip loop", shown in the figure below, should be arranged by the user for each cord connecting the dosing pump to the receptacle. The "drip loop" is the part of the cord below the level of the receptacle, or the connector. If an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the dosing pump. Then unplug and examine for the presence of water in the receptacle.

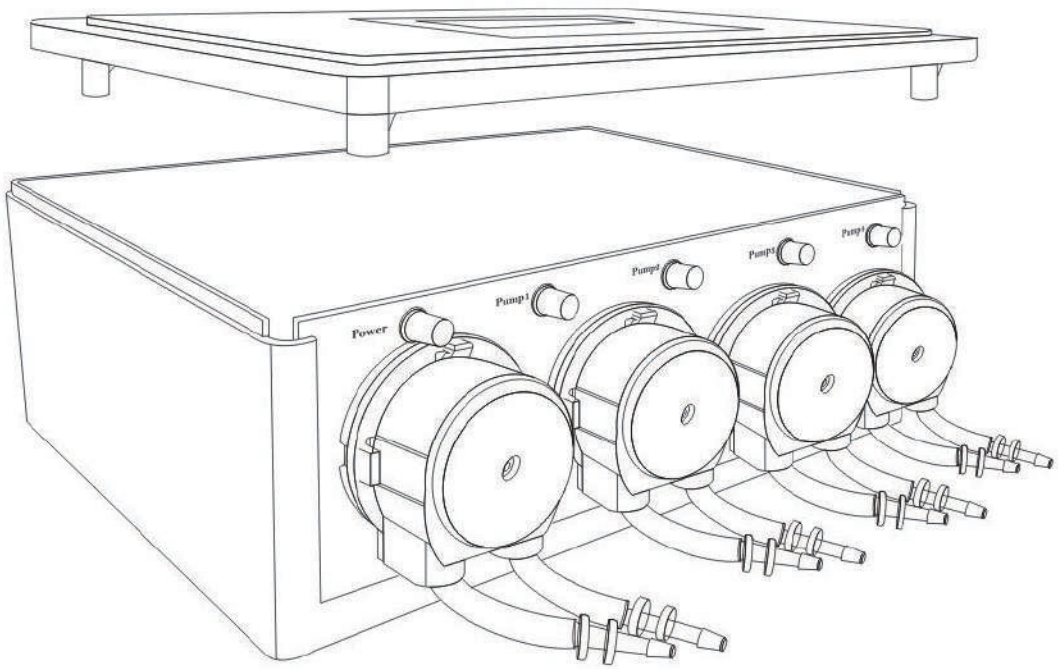


3.DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.



4.Assembling drawing



Replace the rubber hose,make sure the position and tightness of the hose .Please loose the four screw,dispart the above & under cover slightly.

5. Contact Information

E-mail: service@hygger-online.com
Website: www.hygger-online.com