

Manual Operating DOSTIMER

VER 1.0



Partlist of Standard Accesories

1.	Inlet Tube	2 m
2.	Water Filter	
3.	Flow Sensor	1 Pc
4.	Medical Tank	
5.	Signal line	
6.	Suction Tube	1 Set
7.	Water Regulator 10 PSI	1 Pc
8.	Adaptor 12V 5A	1 Pc
9.	Valve 2	
10.	Check Valve	1 Pc
11.	Valve 3	
12.	Valve 1	
13.	Outlet Tube	
14.	Dostimer Box	1 Box

How to installation

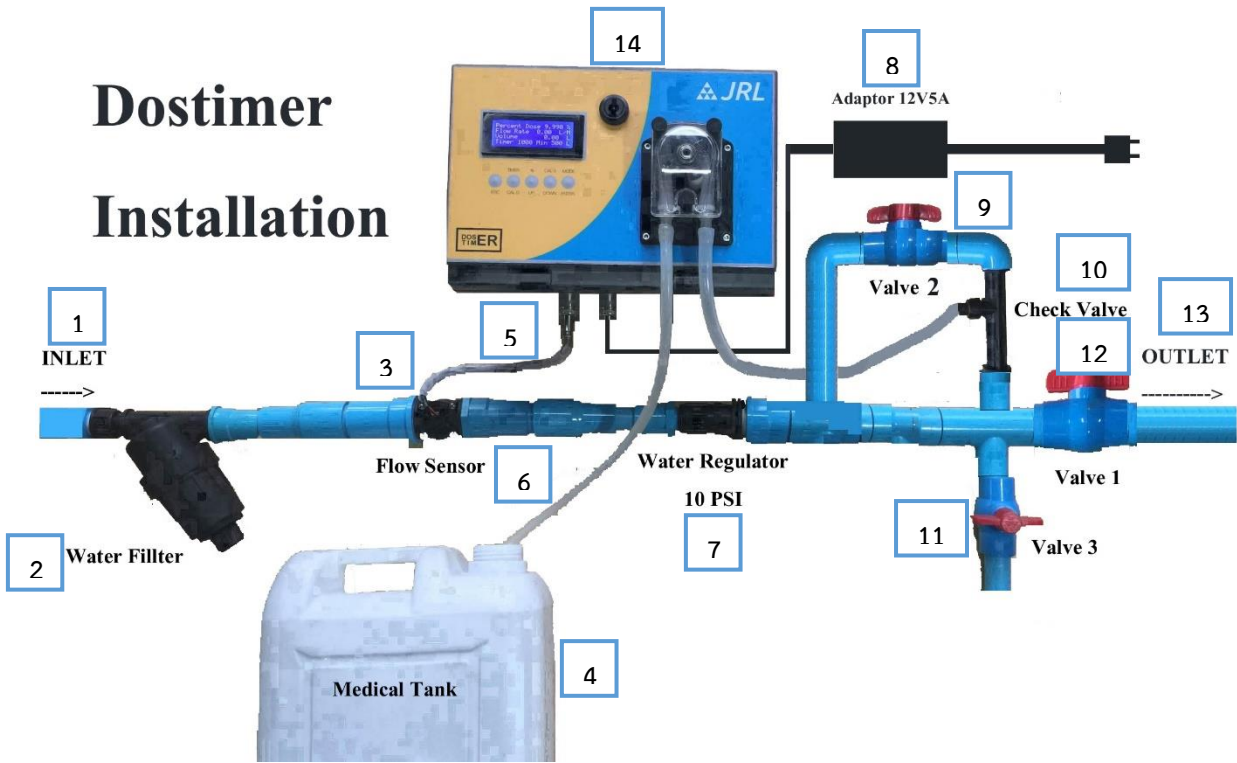


Fig.1 How to installation

Display show Main menu

Percent Dose	1.25	%
Flow Rate	0.00	L/M
Volume	0.00	L
Timer	100 Min	100 L

Fig.2 Display show Main menu

Button on broad

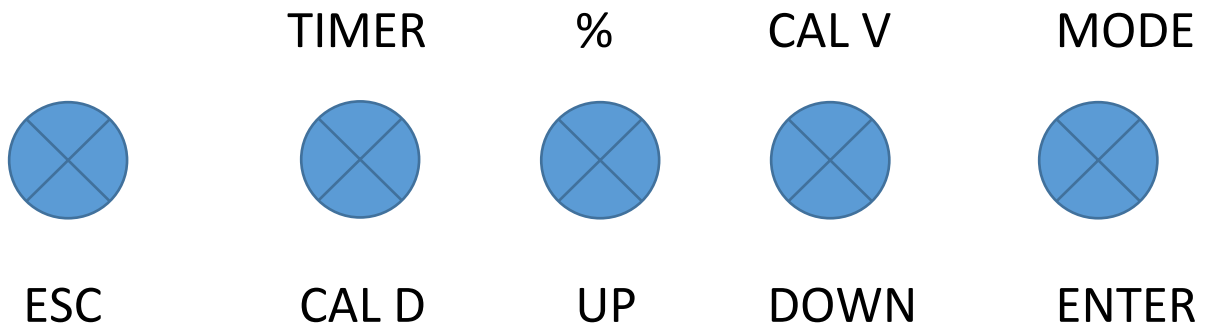


Fig.3 Button on broad

How to set

Press "MODE" Button Display will show as Fig.4

MODE	NO	Press ESC
TIMER		Press TIMER
PERCENT		Press %
CAL VOL		Press CAL V

Fig.4 Setting

- TIMER Mode **Press** TIMER Button
- PERCENT Mode **Press** % Button
- CALIBRATE VOLUME Mode **Press** CAL V Button
- EXIT **Press** ESC Button

1. MODE CALIBRATE

1.1 CALIBRATE WATER VOLUME “CAL V “ For calibrate Volume of Water

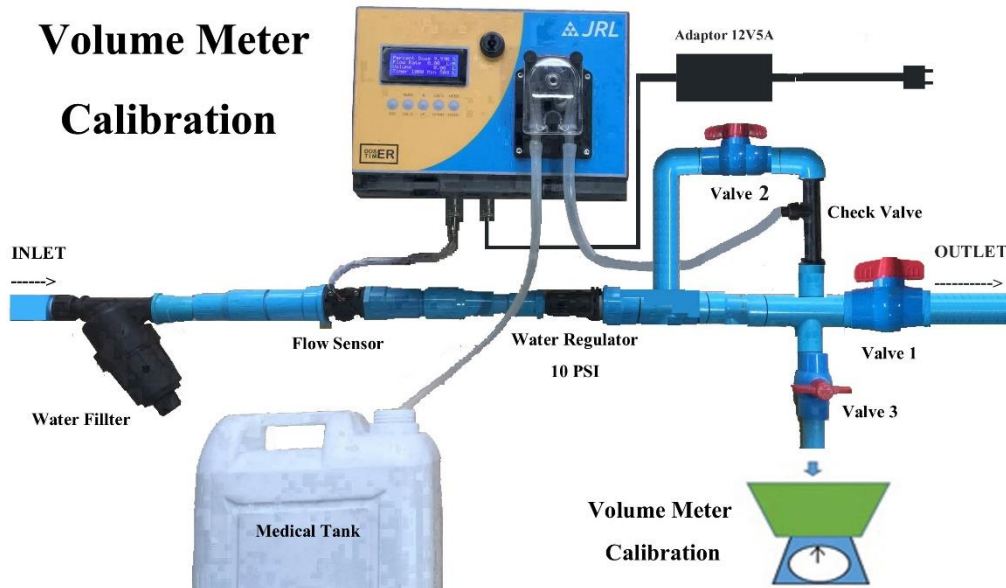


Fig.5 Volume calibration installation

1.1.1 Close Ball Valve 1, 2

1.1.2 Go to Main menu then **Press** “UP“ button for Set Default display will show as Fig.6

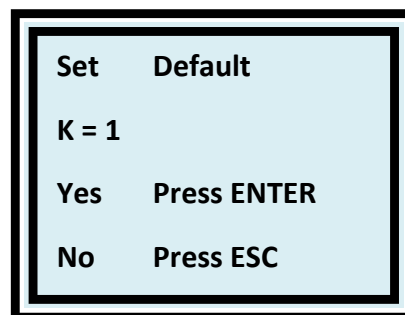


Fig.6 Volume calibration

1.1.3 **Press** “ENTER “button to Calibration

1.1.4 Set water meter to Zero.

Press “ESC“ button to main menu

Press “Down “button display will show as Fig.7

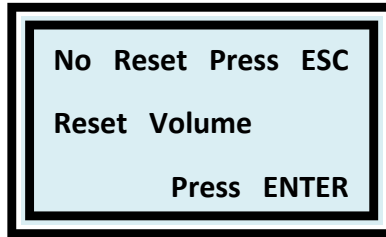


Fig.7 Reset Volume meter.

Press "ENTER" Button Then Volume will be set to Zero

1.1.5 Turn on "Ball Valve 2" to get water into tank about 20 L. Then Turn off Ball valve 2. We can get Real Volume of water in kilogram (1 kilogram = 1 liter of water volume)

1.1.6 Select CAL V by **Press** " MODE " button Then " CAL V " button. Display will show as Fig.8

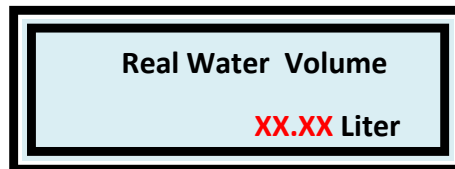


Fig.8 Volume calibration

Input data as scale from 1.1.5 by **Press** "UP" or "DOWN" Button then **Press** " ENTER " button back to main menu Then Turn on Ball valve 1

1.2 MODE CALIBRATE DOSE VOLUME

1.2.1 Set the Water Tank and Scale as Fig.9

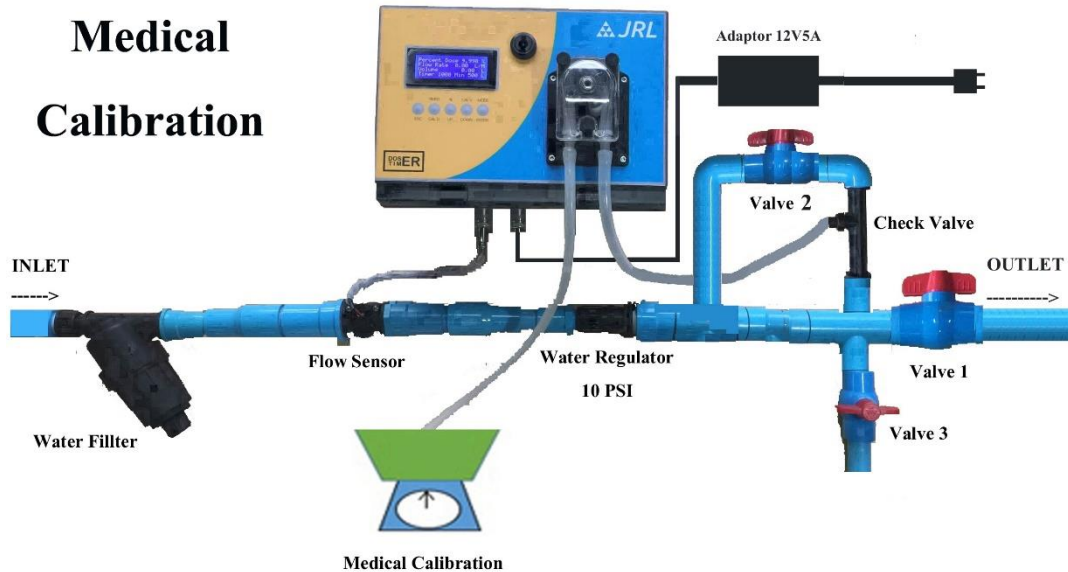


Fig.9 Dose calibration flow chart.

1.2.2 Press “MODE “button then Press “TIMER “ button

Display will show as Fig.10

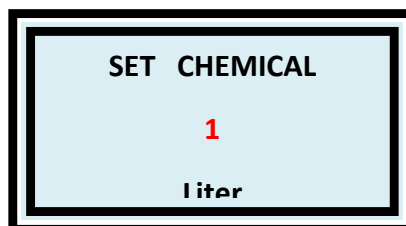


Fig.10 Setting Mode Timer

Press “ UP “ or “ DOWN “ button for set chemical to 1 Liter Then Press “ ENTER “ button . Display will show as Fig.11

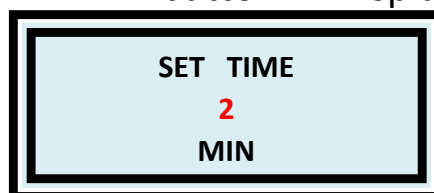


Fig.11 Setting Mode Timer

Press “ UP “ or “ DOWN “ button for Set Time to 2 Min Then Press “ ENTER “ button.

1.2.3 Waiting about 2 Min, water from the tank will be injected into the check valve. Please noted the weight of water (in gram) after pump finish.

1.2.4 Press "CAL D " button then Display will show as Fig.12

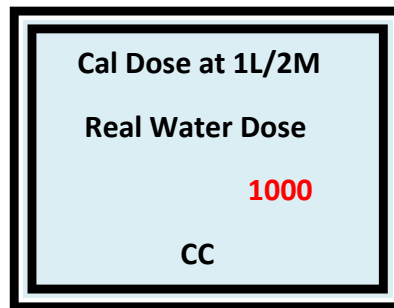


Fig.12 Dose calibration

1.2.5 Input the weight of water (in gram) data from 1.2.3 by Press " UP " or " DOWN " button then Press " ENTER " button back to main menu.

2. MODE RESET VOLUME METER to reset water meter be Zero.

2.1 Press "ESC" Button back to main menu then Press "Down " button display will show as Fig.13

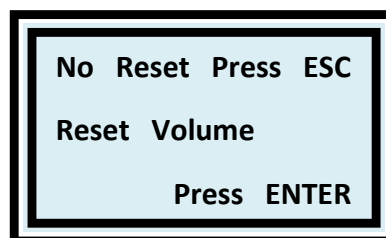


Fig.13 Reset Volume meter.

2.2 Press "ENTER "button Then volume meter will be reset to zero.

3. MODE TIMER

3.1 Press "MODE " button then Press " TIMER " button
Display will show as Fig.14



Fig.14 Setting Mode Timer

- 3.2 **Press** "UP" or "DOWN "button to Set Volume of Chemical
Then **Press** "ENTER "button Display will show as Fig.15

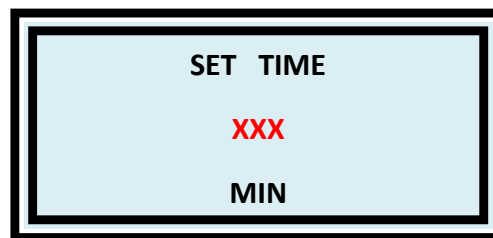


Fig.15 Setting Mode Timer

- 3.3 **Press** "UP" or "DOWN "button for Set TIMER
then **Press** " ENTER " button back to main menu.

4. MODE PERCENT

- 4.1 **Press** "MODE " button then **Press** " % " button
Display will show as Fig.16



Fig.16 Setting Mode Percentage.

- 4.2 **Press** "UP" or "DOWN "button for set Percent Dosing then
Press " ENTER " button back to main menu.

5. STOP OPERATION

Press “ESC “ button and “ ENTER “ button together to be stop operation.

6. SET DATE TIME

6.1 Press “ESC “ button and “ TIMER “ button together display will show as Fig.17

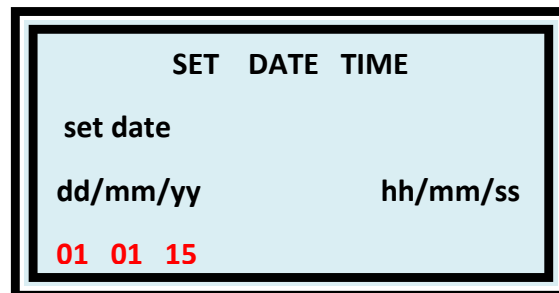


Fig.17 Setting Date

6.2 set date

dd/mm/yy : date/month/year

dd : Set date Press CAL D button

mm : Set month Press UP button

yy : Set year Press DOWN button

Press ENTER button go to set time. Display will show as Fig.18

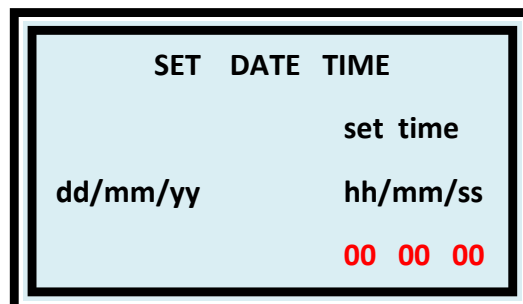


Fig.18 Setting Time

6.3 set time

hh/mm/ss : hour/minute/second

hh : Set date **Press** CAL D button

mm : Set month **Press** UP button

ss : Set year **Press** DOWN button

Press " ENTER " button to back to main menu.

Example of USB Data Logger Report

dd/mm/yy	hr/min/sec	Vol	Flow rate	Dose
1 10 15	13 50 34	0	0	700
1 10 15	13 51 34	3	3	700
1 10 15	13 52 34	6	3	700
1 10 15	13 53 34	9	3	700
1 10 15	13 54 34	12	3	700
1 10 15	13 55 34	15	3	700
1 10 15	13 56 34	18	3	700
1 10 15	13 57 34	21	3	700
1 10 15	13 58 34	24	3	700
1 10 15	13 59 34	25	3	700

Note : dd/mm/yy -> date / month / year
hr/min/sec -> hour / min / second
Vol -> water volume (liter)
Flow rate -> water flow rate (L / min)
Dose -> Dose rate (CC / min)

USB Data Logger Report can only use with Model : DOSTIMER-TOP

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