

Hydro.Tech V3.00 Dosing System is an automated system for monitoring (nutrient mix, pH up/down, humidity and water temperature) which is highly recommended for recirculating systems (nutrient film technique (NFT), deep flow technique (DFT), deep water culture (DWC), flood and drain, and aeroponics. Hydro.Tech developed the automated dosing system to help our Filipino hydroponic farmers around the world.

Inclusions:

- 1pc lcd monitor
- 1 set dosing pump (2 dosing pump for nutrients and 2 dosing for pH)
- 1 set sensors (TDS/EC probe, pH probe, water temperature probe and air/ humidity sensor)
- 1pc 12v power supply module
- 1pc 9v power adaptor
- 7 meters 5/16mm hose for dosing pump
- Guide and instructions
- Lifetime service warranty (parts and components not included)

Specifications:

- 24/7 monitoring for your ppm, EC, water temperature, humidity and air temperature to maximize your plant growth and ensure get the balance feed they need.
- Automatic dosing for PPM/ EC.
- Automatic pH dosing for pH up and pH down.
- Automatic buzzing once nutrient dosing pump is turn on.
- Automatic buzzing once pH up/down dosing pump is turn on.
- Enable/disable nutrient dosing functions (Solution A and Solution B).
- Enable/disable pH dosing functions.
- Enable/disable buzzer functions.
- ON/Off dose, misting and buzzer indicator
- pH calibration setting
- PPM/EC calibration setting
- Nutrient and pH dosing interval
- Manual dosing and misting
- Auto reboot functions
- Auto misting functions
- Data logging application and email notifications

- Easy to navigate menu to program and adjust settings.

Benefits:

- Automate your agri-production.
- Save time.
- Reduce costs.
- Increase yield and efficiency.

Available products:

1. Hydro.Tech V1.32 - Automated Monitoring System
2. Hydro.Tech V2.65 (2 dosing) - Automated Dosing System (Nutrients Only)
3. Hydro.Tech V3.00 (4 dosing) - Automated Dosing System (Nutrients and pH)

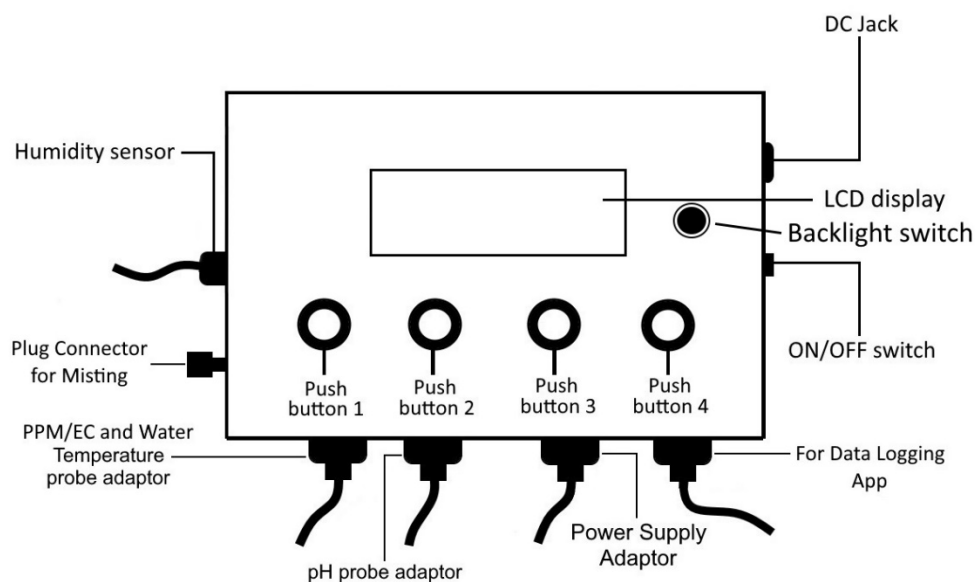
Contact details:

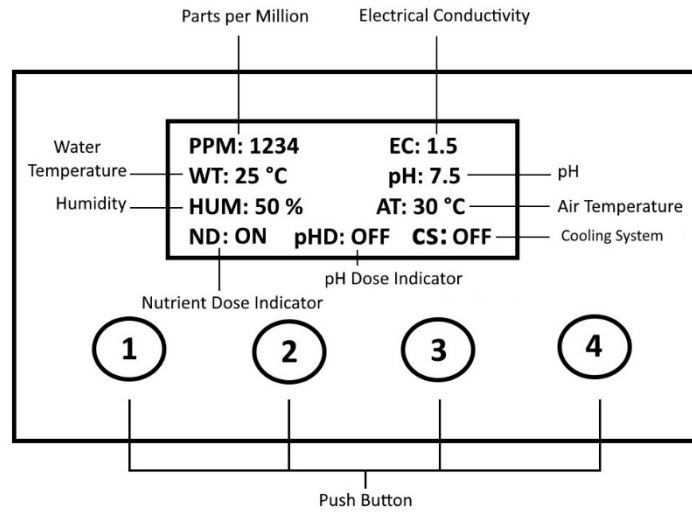
Email: leytesmartfarmingsolution@gmail.com

Email: admin@lsfagrisolution.com

Mobile Number: +639761139046

LCD MONITOR





SENSOR MODULE

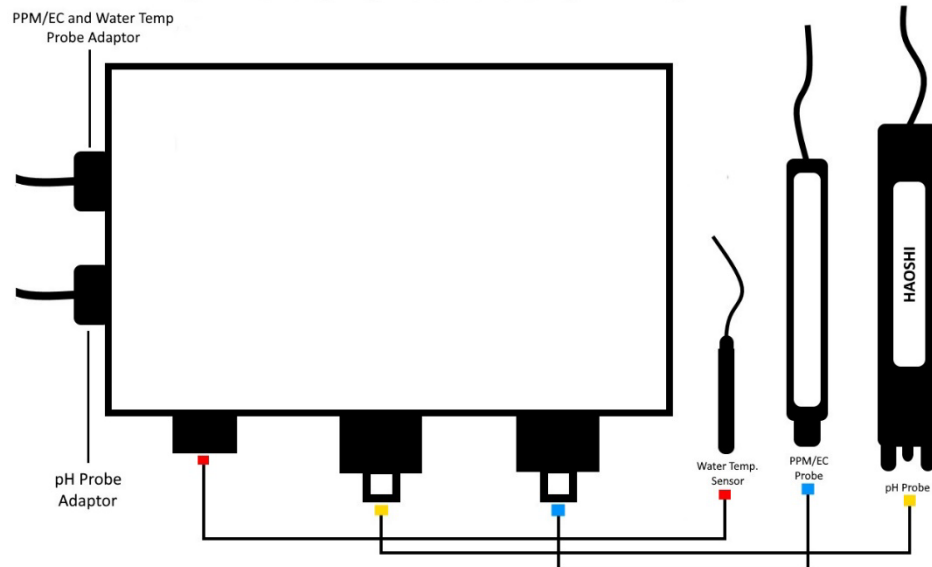
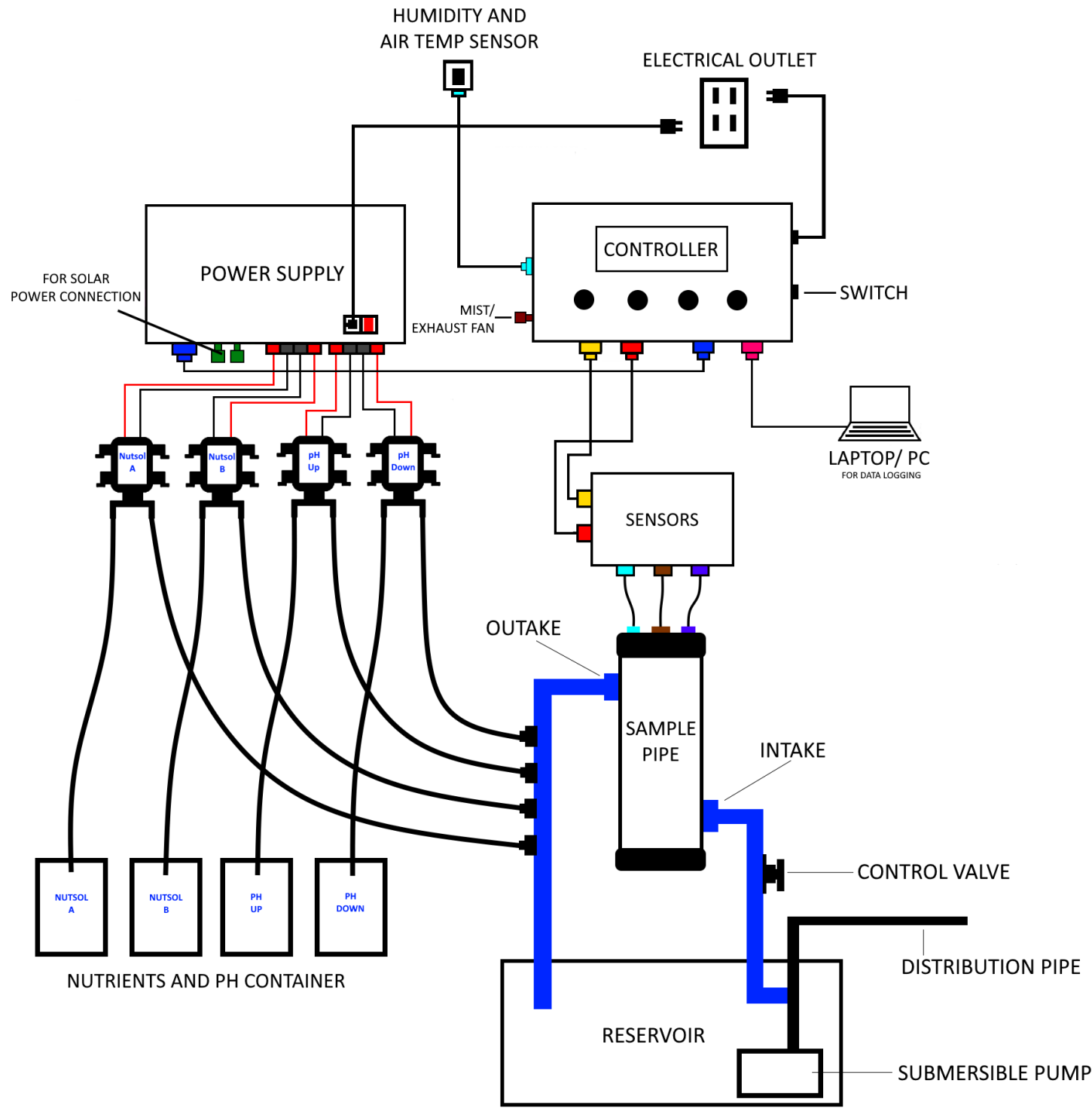
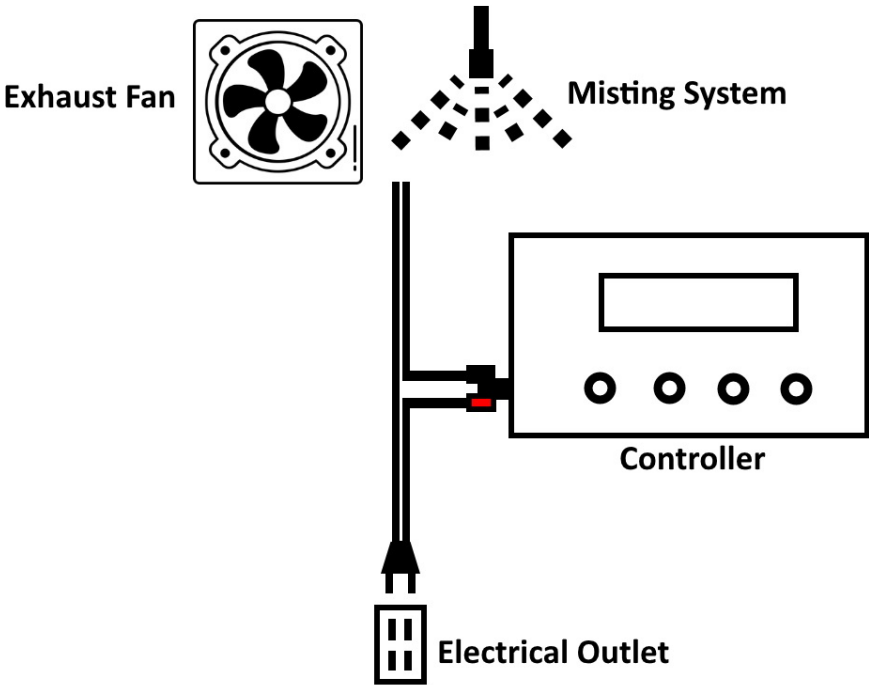


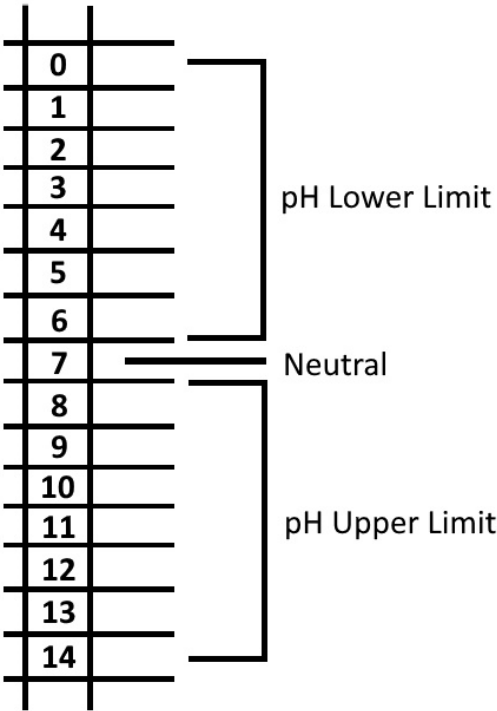
DIAGRAM AND INSTALLATION SETUP



Misting/ Exhaust Fan Connection



pH User's Manual



User's Manual

How to set PPM/EC?

1. Go to **settings**.
2. Select **Nutrient Dose**.
3. Select **PPM/EC Set point**.
4. Select **Edit**.
5. Please enter your **PPM/EC set point** using push button 2(+5) and push button 3(-5) and select **Save**.

How to set PPM/EC Dose Time?

1. Go to **settings**.
2. Select **Nutrient Dose**.
3. Select **Dose Time**.
4. Select **Edit**.
5. Please enter your **Dose Run Time** using push button 2(+1) and push button 3(-1) and select **Save**.

How to set PPM/EC Dosing Interval?

1. Go to **settings**.
2. Select -->.
3. Select **Dosing Interval**.
4. Select **PPM/EC D_Interval**.
5. Select **Edit**.
6. Please enter your **Dosing Interval** using push button 2(+1) and push button 3(-1) and select **Save**.

How to calibrate PPM/EC?

1. Go to **settings**.
2. Select **Nutrient Dose**.
3. Select -->.
4. Select **PPM/EC Calibration**.
5. Select **Edit**.
6. Please enter your **PPM/EC Calibration** using push button 2(+5) and push button 3(-5) and select **Save**.

How to reset settings?

1. Go to **settings**.
2. Select -->.
3. Select **Reset Settings**.
4. Select **Reset**.

How to set pH Down/ pH Lower Limit?

1. Go to **settings**.
2. Select **pH Dose**.
3. Select **pH Lower Limit**.
4. Select **Edit**.
5. Please enter your **pH Lower Limit** using push button 2(+0.1) and push button 3(-0.1) and select **Save**.

How to set pH Up/ pH Upper Limit?

1. Go to **settings**.
2. Select **pH Dose**.
3. Select **pH Upper Limit**.
4. Select **Edit**.
5. Please enter your **pH Upper Limit** using push button 2(+0.1) and push button 3(-0.1) and select **Save**.

How to set pH Dose Time?

1. Go to **settings**.
2. Select **pH Dose**.
3. Select -->.
4. Select **pH Dose Time**.
5. Select **Edit**.
6. Please enter your **pH Dose Run Time** using push button 2(+1) and push button 3(-1) and select **Save**.

How to set pH Dosing Interval?

1. Go to **settings**.
2. Select -->.
3. Select **Dosing Interval**.
4. Select **pH D_Interval**.
5. Select **Edit**.
6. Please enter your **pH Dosing Interval** using push button 2(+1min.) and push button 3(-1min.) and select **Save**.

How to Calibrate pH?

1. Go to **settings**.
2. Select **pH Dose**.
3. Select -->.
4. Select **pH Calibration**.
5. Select **Edit**.
6. Please enter your **pH Calibration** using push button 2(+0.1) and push button 3(-0.1) and select **Save**.

How to disable PPM/EC Dosing?

1. Go to **settings**.
2. Select **Nutrient Dose**.
3. Select -->.
4. Select **PPM/EC Dosing**.
5. Select **Sol A&B**.
6. Select **Edit**.
7. Please enter your **Dose setting** using push button 2(enable) and button 3(disable) and select **Save**.

How to disable pH Down Dosing?

1. Go to **settings**.
2. Select **pH Dose**.
3. Select -->.
4. Select **pH Dosing**.
5. Select **pH Up or pH Down**.
6. Select **Edit**.
7. Please enter your **Dose setting** using push button 2(enable) and button 3(disable) and select **Save**.