

# NutriCare™ ECO - G (With pH Control)

Better Yields. Greater Profits.

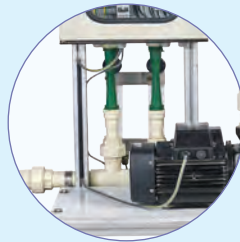


## Features & Benefits



### Equipped with EC & pH Electrodes Monitors

Equipped with highly reliable EC & pH electrodes monitors



### High Quality, Pressure & Flow Generating Booster Pump (Optional)

High quality booster pump is provided to create required pressure and flow rate



### Robust & Compact Aluminium Frame

Easy for installation due to Light weight. Compactness consumes less space & provides aesthetic appearance.



### High Quality Venturi Injector Manifold

Inbuilt heavy duty & high performing venturi Injector. Quick & Easy replaceable components.



### Adjustable flow meter

To adjust injection rate, special flow meter is provided.



### Air release valve

To remove the air specially designed double action air release valve is provided.

# NutriCare™ ECO - G (With pH Control)

## Specification

- Venturi manifold made of high graded CPVC material.
- Model has manifold with 2 Injectors.
- Used High Quality Non-return Valve.
- It consists of electrically operated fertilizer control valve for pH.
- It consists of accurate, corrosion free chemical resistance, stainless steel body make pressure booster pump.
- pH monitoring unit.
- pH probe.
- No need of sampling cup.
- Air release valve in manifold.
- Electrical control panel for Nutricare-ECO and pH controller.
- Pressure Gauge: to check the inlet and outlet pressure.
- Nutricare-ECO available in following:
  - Two fertilizer channels.
  - Fertilizer suction rates up to 600 lph (Each channel)
  - Inlet/Outlet – 2”.

## Features

- Enables precise management of nutrition schedules & judicious use of fertilizer.
- Efficient fertilizer, water and energy conservation.
- Accurate fertilizers dosing by injection of continuously during irrigation cycles.
- Connection capability with wide range of irrigation water.
- Suction rate of venturi can be visualized and flow rate can be adjusted by adjustable type flow meter.
- PH monitoring device gives the status of pH in irrigated water.
- pH Monitoring device provide the facility to calibrate the pH probe.
- Automatic injection can be set according to pH. Injection of fertilizer can be set manually.
- No need of external Controller to operate the fertigation machine.
- Pressure booster pump creates pressure difference and maintain uniform injection of fertilizer in main line. .
- High graded CPVC manifold is suitable for all environments.
- Electrical control panel provides all protection for machine.
- PID controller provides the facility for operation on:
  - Continuous operation of venturi.
  - Pulse operation of venturi.
  - Operation of venturi in frequency basis etc...
- Flexible and customized controller as per requirement.

## Application

- Application for precise nutrition management of crops in open field, Green house.
- It is best used in following irrigation techniques:
  - Drip irrigation: In open field and green house.
  - Sprinkler (Rainport ) irrigation: in open field
  - Mini/micro sprinkler irrigation; in open field and green house.
  - Boom irrigation: In hi-tech green house.
- It can be used, where pH level of water is unbalance.

\*\*\*\*\* Nutricare -ECO is available in two models:

- Without booster pump

- With booster pump

\*\*\*\*\* Company can provide customized machine on demand.

## Order Specification

JNE40X50	XXX	PH
	Feature	
	WP - With Pump	
	WOP - Without Pump	

Example: JNE40X50WPPH - This code represents Nutricare ECO with pump and pH system.

