



**நியாகரா**  
An ISO 9001:2015 Certified Company SINCE 2005

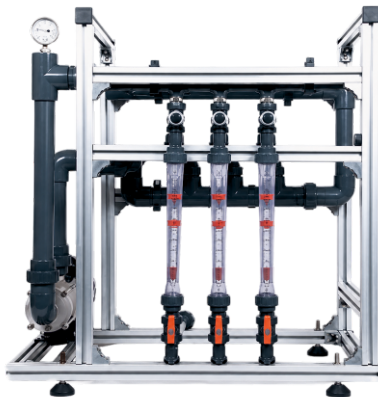


# SMART IRRIGATION BETTER YIELD

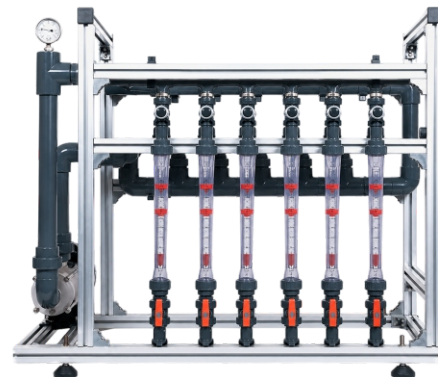
**Automated Fertigation System for Efficient Water & Nutrient Management**

## NutriFlow™ 400 Smart Fertigation System - 400 LPH Capacity

**3 Channel Model**  
( 2 Fertilizer + 1 Acid Channel )



**6 Channel Model**  
( 5 Fertilizer + 1 Acid Channel )



✓ 3 Channel    ✓ 6 Channel    ✓ 4 Bar    ✓ 6.5 Bar

- Precise Irrigation
- Optimized Nutrition
- Advanced Automation
- Increased Productivity



# WHAT IS FERTIGATION?

Fertigation is the process of supplying water and dissolved fertilizers together through an irrigation system, ensuring every plant receives the right amount of nutrients directly at the root zone for healthier growth and higher yields.

## WHY FARMERS CHOOSE FERTIGATION?

- Saves up to 30–50% on fertilizer
- Saves irrigation water
- Uniform nutrient distribution
- Faster plant growth
- Better flowering & fruiting
- Higher crop yield
- Less manual labour
- Reduces nutrient loss
- Protects groundwater
- Improves fertilizer efficiency
- Suitable for drip & sprinkler irrigation



### FEATURES



Automatic Fertilizer Injection



Multi Tank Support



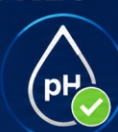
Flow Meter



Pressure Monitoring



EC Control



pH Control



Automatic Dosing



Touch Screen Controller



Remote Monitoring



Data Logging

# Why Choose Niagara?

- Years of Irrigation Experience
- Precision Engineering
- Smart Automation
- Quality Components
- Reliable Performance
- Technical Support
- Indian Manufacturing
- Trusted by Thousands of Farmers



## Why Precision Root Zone Feeding?

- Nutrients reach roots directly
- Faster absorption
- Less wastage
- Stronger root development
- Matches crop nutrient demand
- Prevents fertilizer shock
- Improves nutrient uptake
- Better crop consistency

### • NIAGARA ADVANTAGES •



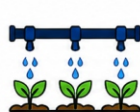
Precision  
Nutrient Management



Smart Fertilization  
Automation



Accurate  
Fertilizer Dosing



Uniform Water  
Distribution



Supports Multiple  
Fertilizer Tanks



Expandable  
Modular Design



Compatible with  
Existing Irrigation  
Systems



Energy Efficient  
Operation



Heavy-Duty  
Industrial  
Construction



Easy Installation  
& Maintenance



Remote Monitoring  
& Control  
(Optional)



Reliable Performance  
in All Field Conditions

## ORDERING INFORMATION FOR 3 CHANNEL

| Item Code | Description                                |
|-----------|--------------------------------------------|
| 450200067 | Fertigation 3 Channel - 1 Dosing - 4 bar   |
| 450200068 | Fertigation 3 Channel - 2 Dosing - 4 bar   |
| 450200073 | Fertigation 3 Channel - 1 Dosing - 6.5 bar |
| 450200074 | Fertigation 3 Channel - 2 Dosing - 6.5 bar |

## ORDERING INFORMATION FOR 6 CHANNEL

| Item Code | Description                                |
|-----------|--------------------------------------------|
| 450200070 | Fertigation 6 Channel - 4 Dosing - 4 bar   |
| 450200071 | Fertigation 6 Channel - 5 Dosing - 4 bar   |
| 450200072 | Fertigation 6 Channel - 6 Dosing - 4 bar   |
| 450200077 | Fertigation 6 Channel - 4 Dosing - 6.5 bar |
| 450200078 | Fertigation 6 Channel - 5 Dosing - 6.5 bar |
| 450200079 | Fertigation 6 Channel - 6 Dosing - 6.5 bar |

## CORPORATE OFFICE

# NIAGARA SOLUTIONS PRIVATE LIMITED

📍 SF No:225/1, VRS Nagar, Cheranma Nagar, Vilankurichi, Coimbatore - 641 035.

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