

Business Offices,  
Apartments & Societies

Packaged Drinking Water  
Project with ISI Mark

Pharmaceutical  
Industrial

Green Houses

Industrial Water Treatment  
ETP & CETP



## Our Presence in various Industries...



Kidney Dialysis



Laboratories



Dairy Processing



Bio Engineering



Poultry Farms

## Suitable for Application



School/College/Hospital



Solar Cleaning



Food Industries



Swimming Pool



Boiler



A wish for wellness...

### Hi-Tech Sweet Water Technologies Pvt. Ltd.

An ISO 9001: 2015, 14001:2015 & 18001:2007 Certified.  
N.S.I.C. & CE Registered Company

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For ISI marked packaged drinking water TURN KEY project please call  
TOLL FREE NO. : **1800 120 1212** HELP LINE: **098980 47820, 098980 22557**

Distributor or dealership inquiry solicited call : **099740 88718** or mail to [dealer@hitechro.net](mailto:dealer@hitechro.net)  
Email : [info@hitechro.net](mailto:info@hitechro.net) website: [www.hitechro.net](http://www.hitechro.net)

HTC-Commercial/Jan-19



A wish for wellness...



Change Your *Water*  
Change Your *Life*

An ISO 9001: 2015, 14001:2015 & 18001:2007 Certified.  
N.S.I.C. & CE Registered Company

Industrial





## ABOUT US...

Hi-Tech started importing R.O. based Mineral Water Plants (Domestic, Commercial & Industrial) from USA and selling, installing, maintaining in local market in 1995. This is how we take credit to be pioneer in introducing Reverse Osmosis based water purification systems in India.

An ever growing demand for pure drinking water, quality of our product and prompt After Sales Service took up us to incorporate a Private Limited company. Thus, in 1999 Hi-Tech Sweet Water Technologies Private Limited was formed by a group of Chemical & Mechanical Engineers with more than 23 years of combined experience in the design, consulting & manufacturing of water desalination and purification using Reverse Osmosis technology.

Hi-Tech is the first company dealing with RO systems to be "I.S.O.: 9001:2015, 14001:2015, 18001:2007" certified for its Quality Management System and Product Design, Manufacturing, Installation and After sales Service of Commercial & Industrial R.O. water treatment plants and Domestic R.O. water purifiers by BQC. We are certified by NSIC and have also achieved the NSIC-CRISIL Rating for Highest Performance Capability with Moderate Financial Strength rating SE 1A.

Hi-Tech deals with Domestic, Commercial and Industrial RO Systems. It also manufactures packaged RO systems for ground, bore well, well, river, tap water, Sea Water after ETP & STP Water applications in standard capacities of portable and use for industrial water production. The capacities range anywhere from 8 Liter/hr to 1,00,000 Liter/hr and we are diversified in our approach with single, double and triple tube water filters which come with and without UV attachments as well as softeners and water vending machines in various capacities. If the need be, Hi-Tech can custom design, manufacture and install its systems to meet your specific requirements. We have supplied more than 50,000 industrial plants for various needs such as bottled water manufacturing, soft drink manufacturing, dialysis, hospitals, villages, hostel, schools, colleges, industries, corporate offices, radiators of earth moving equipments etc. and more than 5,00,000 domestic RO plants till date and we strive to maintain state of the art technology and equipment to assist our engineers in the selection and designing of the most effective RO systems according to the type of raw water available to each of our clients.

## Corporate Philosophy

"A wish becomes our command". A wish to get healthy and safe water facility becomes Hi-Tech's Command turned goal. At Hi-Tech, production is done with utmost care and precision engineering to get clean water so that society lives a health life.

**Mission :** Customer satisfaction is all that matters.

**Vision :** To give the Nation what it needs the most, Clean Water.

**Values :** Quality, Credibility and Team Work make a great difference.

## Our Achievements



Best Rural Drinking Water Solutions Provider  
2014-2015



THE WATER DIGEST



Award Winning  
Best Membrane

Hi-Tech has been awarded  
consecutively 3<sup>rd</sup> time for  
Best RO Membranes Manufacturer



Asian Water Leadership Award  
Singapore 2015  
For Rural Community Water Project



Asian Water Leadership Award  
Dubai 2015  
For Best Membrane Technology

## Certification



## RO WITH COOLER

R.O. PLANT FOR CORPORATE SECTORS, HOTELS, BANKS, RESTAURANTS



RO 50/100 Lph

Dispenser

RO / UV / UF 50 to 250 lph with Cooler

2 to 20 TON CHILLER

Corporate Houses, Banks, Hotels, Schools/colleges, Hospitals & Restaurants :

These R.O. Systems are exclusively designed for you to provide pure, safe & chilled water for your employee and clients. Each plant is made economical in a way that it consumes reasonably less power consumption and can produce water @ less than 10 paise per liter. The safe & pure water may increase your staff efficiency and will make the visitor happy.

## UF System



UF System

The Ultra Purification makes Dirty River Water Clean Drinkable.

Ultra Filtration (UF) removes viruses as well as Bacteria from Dirty Surface water that may have come from rivers, lakes, rainwater collection barrels or puddles. By using the Portable Purification unit, the risk of contracting gastrointestinal illnesses from Dirty Water is Reduced Drastically.

### Advantages of Ultra Filtration :

- Remove suspended solid, turbidity & bacteria / viruses
- Minimum water wastage
- Low maintenance
- User friendly
- Compact & Elegant Design
- ABS casing

Best suitable for Turbidity Water (Tap/Canal/rivar Water)



## R.O. PLANT RANGE FOR COMMERCIAL AND INDUSTRIAL WATER TREATMENT



RO 100, 150, 250, 500, 1000 lph



RO 2000 to 10,000 lph

### Standard Filtration Module...

Skid	S.S. PC quality skid to mount the whole system
Feed Pump	For Pressurized Feed of RAW Water
Dual Media Filter	Removes suspended Particles, heavy organic impurities upto 100 mic and dissolved gases
Anti Scalant System	Anti scale of hardness, iron and silica
Micron Filter	Removes 5 mic impurity from RAW Water of Normal Turbidity
High Pressure Pump	Create Osmotic pressure of Water
Membrane	Reject total dissolve Solids up to 0.0001 micron size
Electric Panel	Fully automatic Controlling board micro base
Pipeline	CPVC / SS as model type to route a water flow
Instrument	LP, HP, Pressure Gauge, Flow Meter, Control Valve, Floaty, CIP System, Auto Flushing, Backwash, SV etc.



RO 12,000 to 50,000 lph System

## COMMUNITY PROJECT

Established RO Community Drinking Water Systems in more than 5000 villages of different states likes

- Punjab
- Gujarat
- Karnataka
- Rajasthan
- Maharashtra
- Kerala
- U.P.
- Bihar
- M.P.

Hi-Tech's Pure Drinking Water Mission for **RURAL INDIA**



Humble recipient of **BIGGEST WATER AWARDS**, WDA 2014- 2015 for Best Company to give Rural Drinking Water Solution.



WVM (RO 500 LPH)



WVM with Cooler  
(RO 50 TO 250 LPH)

## WATER VENDING MACHINE (WVM) (Capacity: 50 to 500 lph)

WVM is an automated water purification system consisting of pre-treatment, reverse osmosis and ultra violet system enabling card and coin-operated dispensing. This machines provide 24X7 safe water access to the people at a walkable distance who otherwise would have to walk/cover far locations in order to fetch safe and pure water. The ability to purify and dispense water makes them ideal solution for high footfall locations like

- railways stations,
- bus depots,
- shopping mall etc.

### Special Features:

- Coin Based Water Dispensation.
- Advance Water Purification Technology with Pre-filtration + RO + UV to dispense water which exceeds WHO standards.
- 24-hour guaranteed uninterrupted RO + UV sterilization.
- Cabinet model design for safe and healthy, durable and easy installation.
- Remote Monitoring Capabilities.
- Accountability for daily business operations.
- \*Integrated chiller module to provide cold water during summer.

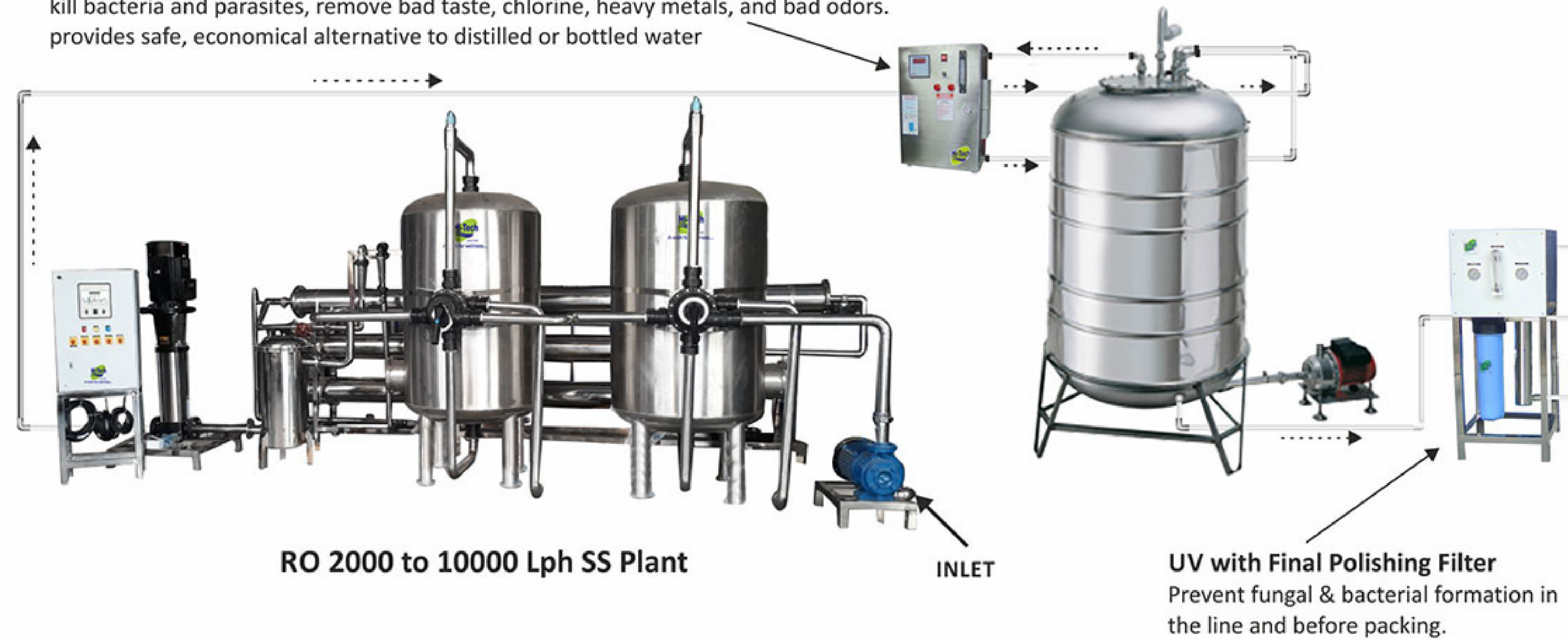
### Best Suitable for:

Residential | Corporate Houses | Public Places | Schools | Hospitals | Commercial Spaces | Shopping Malls



## Water Ozonator

kill bacteria and parasites, remove bad taste, chlorine, heavy metals, and bad odors. provides safe, economical alternative to distilled or bottled water



## Pet Blow Moulding Machine (Capacity: 900, 1800, 3600, 5400 BPH)

- Energy Efficiency
- Shorter changeover times
- Faster rates of pet bottle productions
- Preferential heating option
- Low labor consumption
- Uniform bottle quality
- Safe and Easy operation



## Bottle Filling Machine (Capacity Available : 24, 40, 60, 90, 120 BPM)

- Neck holding
- Two stage rinsing + Three stage filling + Single stage capping
- Non contact sensors for bottle counter
- Separate cap hopper having capacity 1000 caps
- Material of contractions contact parts SS316L rest Ss304
- As per require capacity : 24, 40, 60, 90, 120 BPM



## Jar Filling Machine



- Neck holding
- Single stage rinsing (final water)
- Non contact sensors
- Separate cap Hopper having capacity 50 Caps
- Material of contractions contact parts SS316L rest SS304

## Automatic Shrink Wrapping Machine



- Body Material: made in M.S./SS
- Working control panel given for websealer and shrink machine
- Sealing LDPE Shrinkable Film Roll of Single Layer 70 TO 90 microns 550mm width
- Power: Three Phase 18 KW.
- Compressor: 5 HP with 200 ltr air tank
- Heater: Coil Type
- Temperature: 0°C to 300°C max.
- Motor: 1 no PMDC motor, 1 no Gear Box, 1 no Speed Drive, 1 no AC Blower Motor,
- Speed: Variable Speed approx 5 to 8 job per minute.

## ISI Laboratories

- Micro & Chemical labs approved by IBS
- All testing Chemical and instruments
- Appropriate Glassware
- Proper Training is imparted
- Power Consumption



## Automatic BOPP Labeling Machine

- Durable and compact design,
- Machine frame is covered by SS sheet, anti-vibration and noise absorbing construction.
- Rotary machine design, the bottle turret by servo motor
- Control cabinet integrated in the machine housing
- Hot melt dispensing contact type labeling system
- Label cutting with eye mark as well as length in mm
- Cutter is easy adjustment and replacement, cutting at any speed with precision
- Vacuum drum is synchronized with platform rotation, driven by servo motor
- Label web tracking for correcting its height and guarantee the consistent position





## WATER TREATMENT ACCESSORIES

**RO MEMBRANE**  
2540, 4021, 4025, 4040, 8040



**MEMBRANE HOUSING**  
FR and SS Housing



**PP & WOUND FILTER**  
10", 20", 30", 40"  
2.5 DIA, 4 DIA



**FEED PUMP**



**HIGH PRESSURE PUMP**



**INDUSTRIAL UV SYSTEM**



**OZONATOR**



**PRESSURE BOOSTER SYSTEM**



**CONTROL PANEL**



**DOSING SYSTEM**



**FRP FILTER VESSEL**



**AUTO / MANUAL MPVF**



## WATER TREATMENT EQUIPMENTS

### Instruments

**HPS**



**LPS**



**Pressure Meter**



**Online TDS Meter**



**Flow Meter**



**Conductivity Meter**



**Air Reales Valve**



**SV**



**Float Valve**



**Flow Sensor**



**TDS Meter**



**pH Meter**



**Neno Silver System**



### Media

**ANION RESINS**



**CATION RESINS**



**SOFTENER RESINS**



**GRAVEL**



**SAND**



**CARBON**



### Commercial RO for Business Setup



**RO Auto System**



**RO Manual System**



**Chiller**



**Jar**



## AUTO RECHARGE WATER SOFTENERS

Hi-Tech fully automatic softener convert hard water in to soft water, with automatic regeneration, Hi-Tech Water Softener is a minimal maintenance sleek product that gives you soft, quality water throughout your house, without any effort.

### Effects of Hardness in Water



Scaling on Fixtures



Skin and Hair



Laundry



Geysercoil



Solar Panel

The system prevents scaling/hard water stains on your taps, faucets and fixtures in your bathroom and kitchen ensuring that bathroom fittings look good as new for longer. The system also protects your water using appliances like geyser, washing machine, and dishwasher etc. from internal damage and corrosion, thus extending their life. Not only this, the soft water protects your hair and skin from the harmful effects of hard water.

### RETHINK ABOUT YOUR WATER

If your water is impure...

We offer wide range of Hi-Tech Water Softener are designed for your Home or Apartments. Its keep your family safe & Healthy from Water related harmful effects.

#### Household Softener



#### Industrial Filtration and Softener



FRP



MSEP

#### Benifit of Water Softener

- Spotless, Cleaner & shinier Crockeries & Utensils.
- Reduces consumption of detergent, soap, shampoo etc.
- Preserve the life of appliances such as Washing machine, Water Heater laundry equipment etc.
- Reverts tap flush, Shower Head, Plumbing live from clogging due to deposition of calcium.
- Soft & Clean skin.
- Smooth & Shiny Hair.

\*Not use in Drinking purpose.

## OUR SOURCES & NETWORK



### OUR NETWORK



### OUR PRODUCT STRENGTHS

- Fully Automatic
- Compact Unit, Easy to Maintain and Operate
- Provided with Compact control panel board
- Well Engineered
- High Quality Parts
- High Treated Water Recovery
- Higher Durability
- Economical, Low Energy