



**Insight**

# Industries

2024

Enchating Industrial Growth in East & Central Africa



ONE STOP **SOLUTIONS** FOR ALL YOUR **INDUSTRIAL NEEDS**

## INDUSTRIAL GROWTH

**AUTOMATION & CONTROL**

**WATER TREATMENT**

**PNEUMATIC PRODUCTS**

**WATER MANAGEMENT**

**FARM AUTOMATION**

**TECHNICAL CONSULTANT**

**TURNKEY PROJECTS**

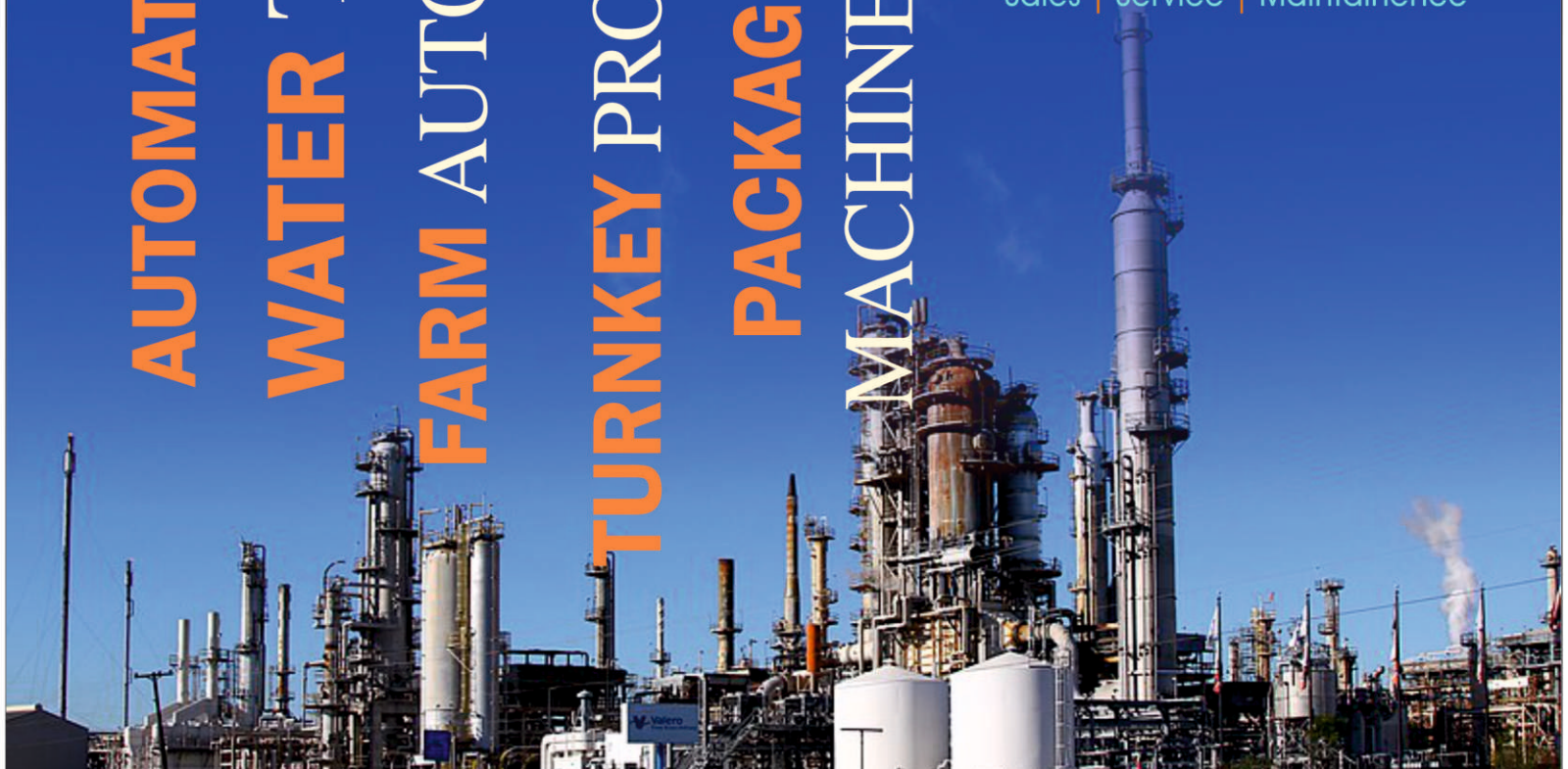
**MACHINERY & SPARES**

**PACKAGING**

**MACHINERY**

**Indcare**

Sales | Service | Maintenance



# Indcare

One Stop Solutions for  
All Your Industrial Needs

Enchanting industrial growth in  
East & Central Africa  
through our world class services

Products we serve for industries...



# Indcare

**Indcare** was formed in India in 1994 as engineering solution provider in industry. In 2001 started operation in east and central Africa and in 2007 open branch in Nairobi, Kenya.

Presently Indcare has successfully developed a strong local team of technical and sales people who are able to offer Turn-key systems at affordable prices with a local presence. This has made Indcare unique in the market in niches such as Automation systems, Energy conservation, water treatment etc.

## **OUR MISSION**

To be the leading Engineering solution provider in our chosen fields in Eastern and central Africa, both in market share and reputation. Our focus will be Industrial Automation, Industrial Solutions & Services ( Energy conservation, spare and water treatment. We will achieve our goals by carefully understanding and meeting the needs of our customers and offering the benefits of proven leading-edge technologies. We will increase our customers efficiency and productivity to sustainable world-class standards. Our team will comprise highly talented and skilled professionals who will practice sound financial management while realizing our goals

## Why choose us ?



**MICRO SWITCH**



V /Z15 /D4 MC

**LIMIT SWITCH**



SE ME/XCKM/P/P J/S/WL/HL/K244/3SE

**MONO LEVER SWITCH**



22.5&30.5mm dia&2&4 WA

**TOWER LIGHT LED DETACHABLE**



50&70MM 12,24,220V AC/DC

**DIGITAL TIMER 220V/24V DC**



SE101,619,805,DH48

**ANALOG TIMER 220V/24V DC**



SUL,ST3P,H3CR,H3Y2/3

**PG & MG CABLES GLAND**




PG & MG 7 to 63 White,Black,Grey

**RELAY**



SE MY2/3,LY2/4,MK2P,3P RX

**SOLID STATE RELAY**



10 to 120 A  
DC-AC,AC-AC & DC-DC Single & 3 phase

**WARNING/REVOLVING LIGHT**



6/12/24/110/220v in AC & DC  
LED & Bulb Model  
with & without Buzzer

**HEAVY DUTY HARTING TYPE BCONNECTORS**



4 to 56 pins Open / Close Side & Top Entry      6-12 pins 35 Amps      16 pins 10 Amps Slim Body

**CABLE DRUM**




1.5x2, 3 core & 2.5x34 Core 16A 2, 3pins, 32A 3, 4 pins with ELCBs & without ELCBs

**HRC FUSES DIN**




2 to 630 A

**BS FUSE LINK**




SE NS /TIS /TSD /TSF/TSMS/TSL

**FUSES 7 FUSE HOLDER**



10X38/14X51 Single & Triple Pole

**SOLID STATE RELAY**

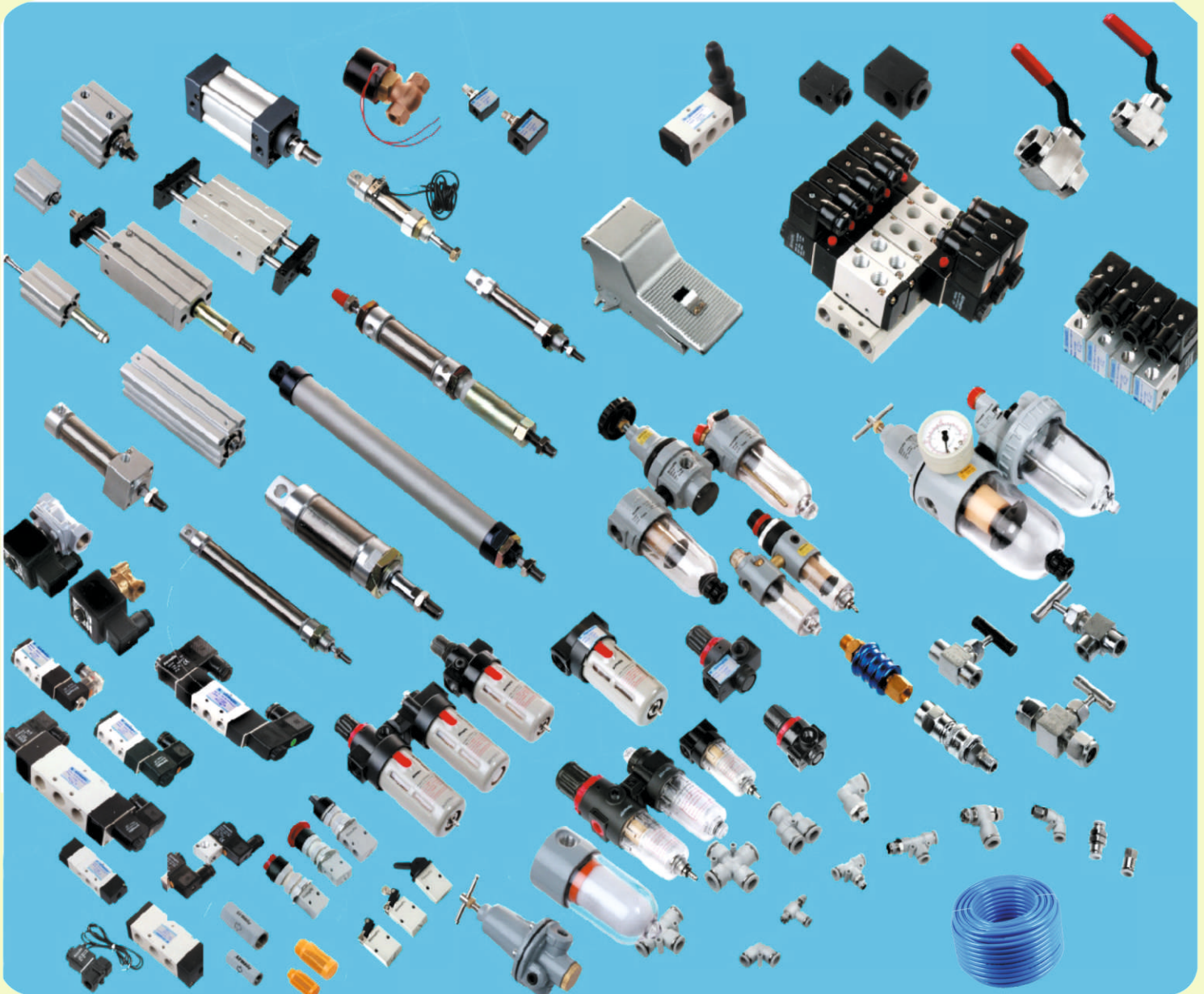


Inductive proximity  
Capacitive Type  
Connector Type  
Fork type

Photo Electric Sensor  
Diffused type  
Through beam type  
With retro Reflector Type  
Colour mark Sensor

4 to 30mm ( Flus & Non Flus)PNP/NPN/AC/NO-NC plug in Type      8-30 mm in plastics & Metal PNP/NPN/AC/NO-NC

# PNEUMATIC ACCESSORIES



## *Specialist in :*

- ◆ Air processing Units
- ◆ Air Cylinder
- ◆ Solenoid valves
- ◆ Functional Fittings & Acces.
- ◆ Directional Control Valve
- ◆ Industrial Spares
- ◆ Steam Fittings
- ◆ Pneumatic Accessories
- ◆ Accessories & Hardware
- ◆ Valve & Cylinders



**FESTO**

**Indcare**

Sales | Service | Maintenance

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Without Measure You can't Control

# PRESSURE GAUGES



**ATECH**  
INDUSTRIAL SPARES

**POINTER**<sup>TM</sup>  
PRECISION PERFECTION ACCURACY

**FLUKE**

**Danfoss**

**WAAREE**<sup>®</sup>

**MECO**  
SINCE 1962

## WHY DO PRESSURE GAUGES

# FAIL?

### Common Problems that damage GAUGES

#### **OVERPRESSURE**

*Select the correct gauge with sufficient range to allow for expected spikes.*

#### **HAND-TWISTING**

*Always use a wrench, this is a Gauge Killer.*

#### **CLOGGING**

*Clogging with sediment / corrosion products.*

#### **TEMPERATURE**

*Exposure to extreme temperatures.*

#### **FREESING WATER**

*Allowing water to freeze in Gauge sensing port.*

#### **VIBRATION**



























































*Excessive Vibration*

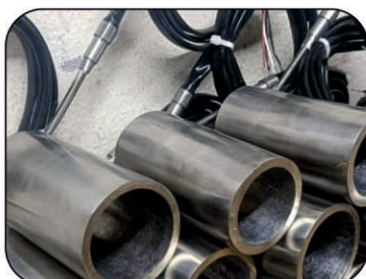
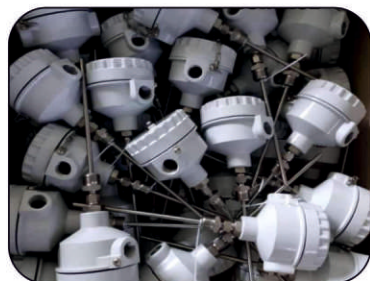
#### **IMPACT**

*Dropping / Mechanical Jarring.*





Thermocouple Type	United States Color Codes		IEC 60584 -3 Color Coding		Redundant national color coding for insulation of thermocouple cables			
	 ANSI MC96.1 1982				British to BS1843	Gtmnml to DIN13711	French to NFC42324	Japanese to JIS C1610-1981
	Thermocouple Grade	Extension Grade	Thermocouple Grade	Intrinsically Safe				
K Type	KK 	KX 						
T Type	TT 	TX 						
J Type	JJ 	JX 						
N Type	NN 	NX 						
E Type	EE 	EX 						
S Type	None Established	SX 						
R Type	None Established	RX 						
B Type	None Established	BX 						



# AUTOMATION - CONTROL

## TEMPERATURE - PRESSURE - FLOW etc. Accessories



Pressure Transmitter



Diaphragm type pressure transmitter



Differential Pressure Transmitter



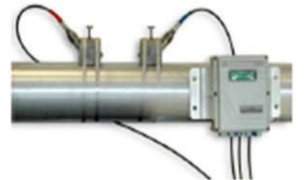
Diaphragm Pressure Transmitter



Wireless Pressure Sensor



Industrial Pressure Transmitter



Ultrasonic Flow Meter



Electromagnetic Flow meter



Turbine Flow meter



Monocrystal DP Transmitter



Vortex Flow Meter



METER ❖ PLCS ❖ TIMER ❖ COUNTER ❖ PROCESS INDICATORS  
TEMPERATURE CONTROLLER ❖ PROTECTION RELAY



# STRAINERS FILTERS



# CONTROL VALVES



# DIFFERENT TYPES OF INDUSTRIAL VALVES



# ALL ABOUT PACKAGING MACHINERY

**AUGUR MODEL POWDER  
FILLER MACHINE**



**SINGLE HEAD SCREW  
CAPPING MACHINE**



**AUTOMATIC TUBE  
FILLING MACHINE**



**SEMI AUTOMATIC  
PISTON FILLER MACHINE**



We Serve All Types Of  
**Packing Machines  
& Materials**  
in Different Industries



## Our Wide Range and Different Models for LIQUID PACKAGING



Filling and packing machinery of liquids like water, mineral water, soft drinks, milk, juices, beer, liquor, oil, etc.

**TOUCH SCREEN  
CODER**



**STANDARD  
MULTIPURPOSE CODER**



**HIGH SPEED  
INKJET PRINTER**



**HIGH SPEED  
MULTIPURPOSE  
INKJET STACKER**



**MANUAL  
INDUCTION  
SEALER**



**Contact for More Details :**

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+254 777 895312/3

**INDCARE AFRICA LTD., 30, Butere Road, Industrial Area, Nairobi, KENYA.**

# All Types of Cooling Towers



## All Types of Cooling Tower Spares



- Cooling Tower Fan
- Cooling Tower Fills
- V Bar
- Wooden Fills
- Nozzles
- Sprinkler
- Drift Eliminator
- Fills Support Grid
- Electric Motor
- Fan Stack
- Connecting Shaft
- Coupling ● Gearbox

## Our Services:

- Supply of Cooling Tower and Its Spares
- Thermal / Structural Up-gradation
- Inspection
- Retrofit, Supply & Emergency Repairs
- Root Cause Analysis
- Annual Maintenance Contract
- Overhauling & Refurbishment
- Preventive Maintenance



# Our Flagship Projects...

ALL ABOUT  
WATER TREATMENT SOLUTIONS  
AT ONE STOP...

### ULTRA FILTRATION PLANT



### INDUSTRIAL RO PLANT



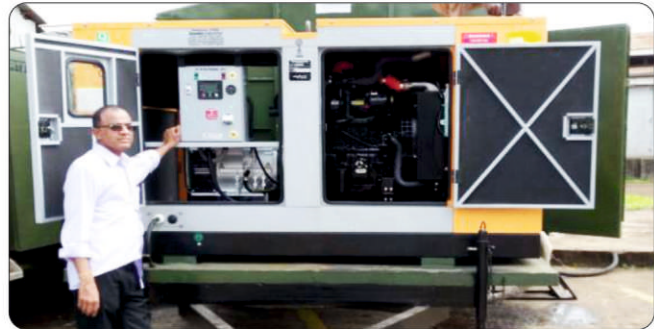
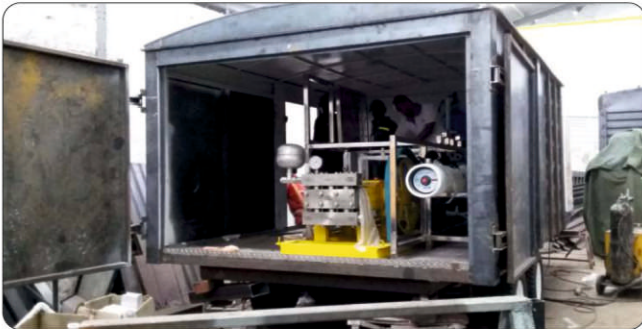
### INDUSTRIAL RO PLANT



### ETP PLANT



### MOBILE WATER TREATMENT PLANT FOR DEFENCE - NGO



### INDUSTRIAL WATER TREATMENT PLANT



➤ FARM AUTOMATION

➤ SMART FARMING

➤ BETTER CONTROL

➤ HIGH YIELD

# Need of the Modern Day Agriculture

## Portable Soil Testing Kit



### Features

- Instant data collection
- Senses 7 soil parameters namely - Moisture, Temperature, EC, pH and NPK
- GPS enabled for capturing test location
- Instant report print in local language
- Custom data entry like farmer details, land and crop details
- Battery and Bluetooth based for ease of operation
- Cloud data push for backend monitoring and analysis

### Hardware features

- Android based portable hardware
- Inbuilt thermal printer for instant on spot report print
- GPS, 4G enabled for real-time data capture and cloud push
- Rugged waterproof sensor for long term use
- Expandable memory for local storage

## AGRICULTURE WEATHER POD

Specially tailored-made for Agriculture needs

Choose from a variety of Sensing Combinations



Custom made and supplied as per farm requirements

Accurate and Precision Data



- Temperature
- Humidity
- Wind Speed
- Wind Direction
- Rainfall
- Dew Point
- Soil Temperature
- Soil Moisture
- Soil NPK
- Soil pH

➤ **FARM AUTOMATION**

➤ **SMART FARMING**

➤ **BETTER CONTROL**

➤ **HIGH YIELD**

## Farm Automation

Auto Fan/Light control

Auto Fogger/Sprayer control

Temperature & Humidity control

Farm Co2 Levels

Water Flow Rate



## AUTOMATIC FERTIGATION CONSOLE

**Fully Automatic Multi Zone Fertigation and Irrigation System with Scheduling and Auto Valve Control**



TAKE YOUR FARM TO THE **NEXT LEVEL**



### Auto Fertilizer Dosing

Auto-dosing from up to 8 fertilizer tanks. Based on volume, ratio, EC, etc.



### Auto Scheduling

Multiple crop template based auto scheduling of mixing and irrigation.



### Auto Zone Irrigation

Auto zone based drip line irrigation based on volume, plants, EC, etc. Multi Crop



### Remote Control and Monitoring

Operate and monitor your console remotely.

# SCALE GUARD

Water is a necessity at farms. For better crop health and high yield, it is recommendable to irrigate the farm with soft water. Due to difference in mineral and salts deposits in the water especially calcium and magnesium salts, water can be either hard or soft. Hard water contains more deposits and can be distinguished from soft water by its salty taste and dry feeling on skin.

Also, the hard water forms a white, flakey buildup on plumbing fixtures and irrigation systems. The scale and has adverse effect on the pipes, crop and soil which can be economically costly to an individual or business in the long run. However, thanks to AMRUT SCALEGUARD scales are no longer a threat. AMRUT SCALEGUARD is a modern solution to prevent irrigation system against scale problem in farm.

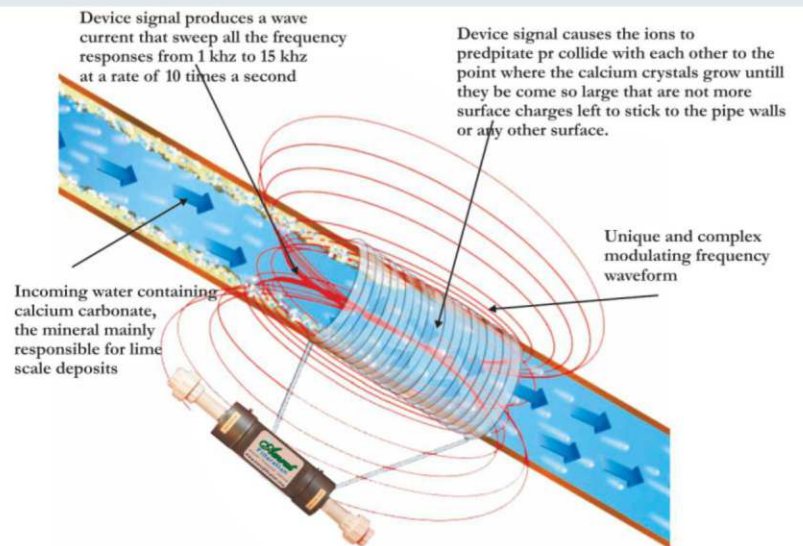
## Electrical Impulse Based Scale Guard

### What is scale guard?

Scale guard is an electronic device that uses electrical impulses to prevent and remove scale buildup in water systems. It does this by disrupting the formation of scale crystals, causing existing scale to dissolve, and preventing the adherence of new scale to the surfaces.

### How does scale guard work?

Scale guard generates a series of modulated high-frequency electrical impulses that are transmitted through the water pipe. These impulses interfere with the ionic bonds between calcium and magnesium ions, which are the main components of scale. Two processes occur as the water passes the guard; breaking and transformation. High mineral clusters of any size are broken down into small and tiny particles and scattered in neon particles. This ruins the nature of water molecules to travel together and stick to each other or develop clusters. Thus, the water hardness is changed.



## Advantages of using AMRUT SCALEGUARD in Agriculture

Using hard water for irrigation forms a white layer at the root and leaves of the plant depending on the type of irrigation. This layer deactivates 80% of plant's cell membranes gradually killing it. Also, plants start to suffocate resulting in stunted growth and low production. Our scale guard provides the following benefits to the farmer:

- ▲ Crop production increases and quality improves.
- ▲ Plant disease rate drastically decreases.
- ▲ less water and fertilizer required for irrigation.
- ▲ Soil becomes softer as the time passes and soil desalination takes place.
- ▲ It makes the drip irrigation system more effective, clean and maintenance free even in high TDS water.
- ▲ It removes existing scale as the electrical impulses generated by scale guard dissolve existing scale gradually, restoring water flow rate, pressure and efficiency.
- ▲ It reduces maintenance costs by avoiding regular cleaning and maintenance of scale -affected equipment.
- ▲ It is environmentally friendly because it uses no chemicals, resins or filters compared to alternative to traditional scale removal methods.
- ▲ It is easy to install and there is no plumber needed as it requires no changes to the plumbing system.
- ▲ The mains water pressure and flow rate is unaffected during its operation.
- ▲ It retains healthy natural minerals such as calcium and magnesium minerals in the water are important for crop growth.
- ▲ It does not waste water since there is no water discharged to the drain because scale guard does not use any chemicals.
- ▲ It requires low running cost, negligible power consumption
- ▲ It is effective on all types of piping: UPVC, HDPE, copper or steel pipe etc.



Are you fed-up from ... **Hard Water, Scale & Rust**

# AMRUT Scaleguard



The Electronic Eco-Friendly  
100% Maintenance Free Solution

**HARD WATER SOLUTION**  
that can be used in any application

**DOMESTIC • AGRICULTURE • COMMERCIAL • INDUSTRIAL**

Effects on Various Surfaces.. Before & After



**AN ELECTRONIC SYSTEM  
WHICH IS MUCH EFFECTIVE  
FOR WATER TREATMENT**

100% ELECTRONIC / FULLY NON-MAGNETIC



**To Reduce & To Prevent  
SCALING PROBLEMS**



**Anti-Scale DEFENCE**

Hard Water can lead to Scaling, Priming, Foaming & damage to Boilers



A Solution  
against Scale  
in Farming

**Protect Your Farm  
from HARD WATER Effect**

Grow Your Crop with our system



# SAYONA ENTERPRISE

GLOBAL SUPPLIERS OF INDUSTRIAL PRODUCTS



OPPORTUNITIES IN EXPORT-IMPORT BUSINESS

*embark on a journey to GLOBAL SUCCESS*

**GOVT. APPROVED EXPORT HOUSE**

## WE DEAL IN...

CERAMIC - FMCG - AGRICULTURE - ENGINEERING - BUILDING MATERIALS - HOME DECOR - AUTOMOBILE BRASS PARTS - PHARMA / MEDICAL - GEMS JEWELLERY - FOOD BEVERAGES - DAIRY - POWER ELECTRONICS CHEMICAL - SOLAR & ENERGY - AUTO PARTS - PUMPS - HANDICRAFT - TEXTILES - HANDLOOM - PLASTIC / RUBBER EDUCATION STATIONERY - TELECOM - ELECTRICAL HOME APPLIANCES - PACKAGING - PLYWOOD & LAMINATES

## WHY TO CHOOSE US...



Best Product For Best Price



Experts To Guide You



Worldwide Shipment



Verified Courier Brands



## CONTACT US...

📍 1, Anirdesh, Opp. New Madhupura Market, Shahibaug, Ahmedabad-380004.

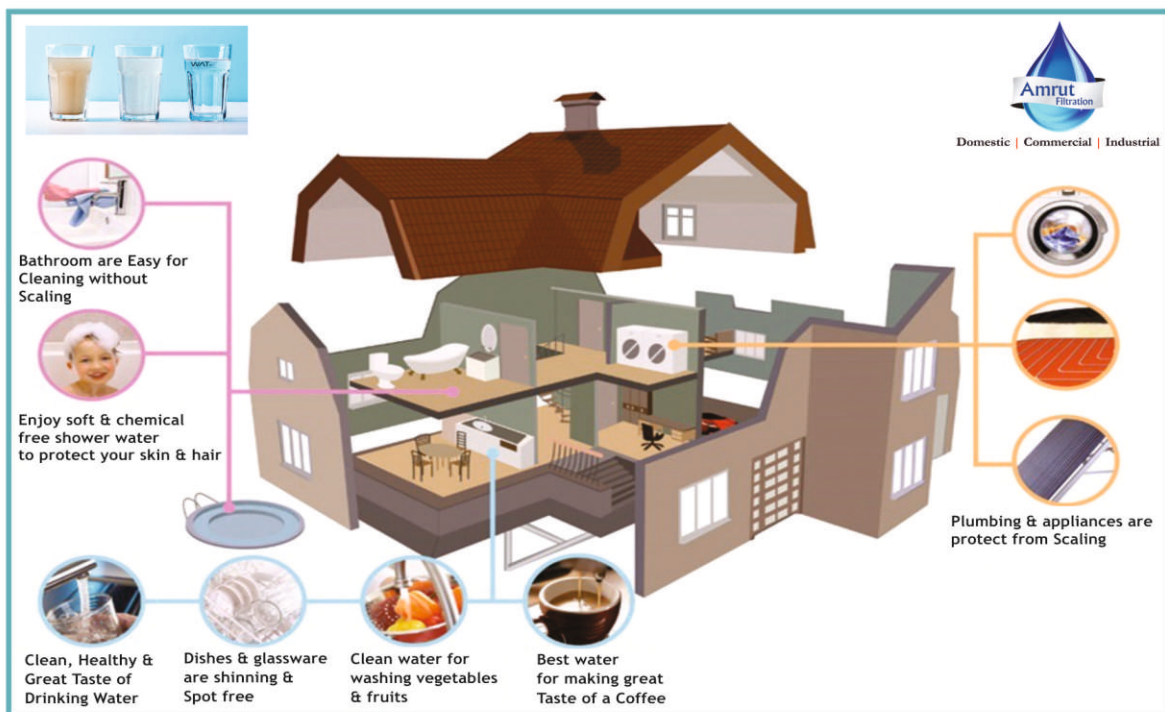
☎ 9426890873 / 9601298261

✉ anirdesh1@rediffmail.com

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# WHOLE HOUSE WATER FILTRATION SYSTEM

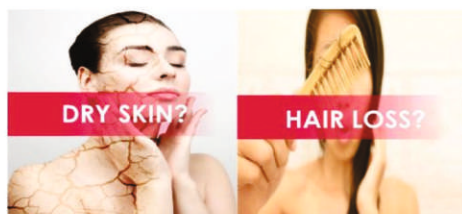
## To PROTECT your Health & Wealth



## RETHINK YOUR WATER ....

- Do You Know Every Drop of water you use needs to be treated not just for drinking ?
- Have you noticed if your pipes; taps; showers are getting clogged ?
- Have you noticed white Scale or lime scale problems ?
- Have you had undesirable taste of chlorine or odour from your water ?
- Have you noticed unusal dry skin & hair texture ?

**If you have experienced all this problems, then your water needs to treated before use**



[www.amrutfiltration.com](http://www.amrutfiltration.com)

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**Safe Water for Better health... Better life**



Domestic | Commercial | Industrial

*Recycle... Reuse...*

*Save Water*

**WATER  
TREATMENT  
PLANT**

**WATER  
TREATMENT  
SPARES**

**WATER  
RECYCLING**

**WATER  
SOFTENER**

**RO  
PLANT**

**ETP  
PLANT**

**UV / UF  
PLANT**

**WATER  
MANAGEMENT**

# ALL ABOUT WATER TREATMENT SOLUTIONS AT ONE STOP...



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