ARUKAL INSTRUMENTS

Enhancing Industrial Performance

Water treatment products, instruments and services

Enhancing industrial performance with precision instruments and dependable water and wastewater treatment.

Serving India and Nepal

Sales & service: Guwahati, Assam, India

Registered office: West Bengal, India

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Web: www.arukalinstruments.in

Who we are

Arukal Instruments supplies water and wastewater treatment equipment, spares and instruments for industries, institutions and homes. We help customers select the right product, support installation and operation, and keep plants running through our service offering. From Guwahati we serve Assam and the North-East, and we supply across West Bengal, India and Nepal.

Our product range

INDUSTRIAL WATER TREATMENT

Cartridge Filter	Precise sediment and particle removal in 10 to 40-inch formats.
Multiport Valve	Single-valve control of service, backwash and rinse cycles.
Distribution System	Internal distributors and collectors for even flow inside vessels.
RO Membrane	Reverse osmosis and filtration membranes for industrial plants.
Ion Exchange Resin	Softening and demineralisation resins for steady water quality.
Water Treatment Chemical (WTC)	Chemicals that protect membranes, boilers, cooling systems and effluent plants.
Filtering Media	Sand, gravel, activated carbon and specialty media for filtration.
Inline & Panel-Mount Rotameter	Inline and panel-mount flow indicators for water lines.
Pen Type Meter	Portable pH, TDS and conductivity testing in your pocket.
Vessels (FRP, MS, SS)	Corrosion-proof Fiber Reinforced Plastic pressure vessels.
Water Testing Kit	Field kits for quick water quality checks.
Dosing Pump	Accurate chemical dosing for RO, boiler, cooling, effluent and disinfection duty.

PLANTS AND SYSTEMS

DM Plant (Two Bed De-ionizer)	Two bed de-ionizer plants for boiler feed, process and laboratory water.
Softener Plant	Remove calcium and magnesium hardness to protect boilers, RO plants and process equipment.
UF Plant	Hollow-fibre ultrafiltration for pre-treatment, drinking water and reuse.
ETP Plant	Treat industrial effluent to meet discharge norms and enable reuse.
STP Plant	Treat sewage to discharge norms and reuse the water for flushing and gardening.
Iron Removal Plant	Clear, stain-free water by oxidising and filtering out iron.
Manganese Removal Plant	Stop black staining and bitter taste caused by dissolved manganese.
Pressure Sand Filter	A dependable first stage that removes suspended solids and turbidity.
Multi Media Filter	Layers of anthracite, sand and garnet that remove more solids and last longer between backwashes.
Activated Carbon Filter	Dechlorination and polishing filters that protect RO membranes and improve taste.
Dual Media Filter	Two layers of media that filter deeper than plain sand.
Mixed Bed Plant	Mixed cation and anion resin for the highest purity after DM or RO.
Nano-Filtration Plant	Partial desalination that removes hardness, colour and organics at lower pressure than RO.
UV Disinfection System	Inactivate bacteria and viruses without adding chemicals or changing taste.

DOMESTIC WATER TREATMENT

Arukal Defender	Arukal Defender for homes, in three models: Natural, Amrit and Sanjeevani.
Zero TDS Plant	High-purity water with dissolved solids brought to minimum.
Domestic Spares	Filters, membranes and parts for home purifiers.
H2O Insight Pro Kit	Our flagship household test kit for drinking water.

INSTRUMENTS

Services

Remote Monitoring Service

Watch plant performance and get early warning of problems.

Online Consultation Service

Talk to our water treatment team about design, selection and troubleshooting.

Annual Maintenance Contract

Planned servicing to keep your plant running reliably.

Areas we serve

Guwahati • Assam and the North-East • West Bengal • India • Nepal

Talk to us

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