

LENNTECH

WATER TREATMENT SOLUTIONS

- RESEARCH & DEVELOPMENT
- ENGINEERING SOLUTIONS
- TECHNICAL SALES



**PRODUCT
CATALOGUE**
WATER TREATMENT

WHO WE ARE

Lenntech is a vibrant and **international company with more than 25 years of experience** in the water treatment industry. With an **experienced team** of sales, environmental, chemical, mechanical and electrical engineers we are able to provide a wide variety of solutions for industries that require a specific water quality.

Our **wide range of technologies and extended know-how in all water-related sectors** guarantees our clients a water treatment & filtration solution for all types of applications that is cost-efficient and that will meet their company's water quality requirements.

In our dedicated technical sales department, we support our clients with class A service by **delivering worldwide all water treatment components, spare parts and consumables from all main manufacturers**. During the last years, our team served directly or through its partners' network **more than 140 countries worldwide**, positioning **Lenntech** as an international reference for water purification.

WHERE WE ARE



WHY PARTNER WITH US

▶ KNOWLEDGE AND EXPERTISE

- We have more than 25 years of experience in the water treatment industry.
- We have a wide portfolio of water treatment solutions.
- We develop systems for all types of applications and industries.

▶ ONE STOP SHOP

- We provide all water treatment components, consumables and spare parts.
- We represent more than 100 brands.
- We provide a wide range of competitive alternative options for pricing, availability and shipment to meet your business' priorities.
- We can provide global logistic support.

▶ TECHNICAL SUPPORT

- We can assist in the selection & sizing of products, and provide advising & assistance with troubleshooting.

▶ INTERNATIONAL ACCREDITATION

- We are awarded with four ISO certifications.

▶ COMPREHENSIVE WEBSITE

- Our website provides extensive technical information on water, water treatment, air and air purification.

▶ WORLDWIDE DISTRIBUTION

- We are currently serving more than 140 countries.
- Our Headquarters are in Europe and we have 2 branch offices in USA and Middle East.
- We have partnership agreements with manufacturers and distributors in different regions.

▶ MULTICULTURAL TEAM

- We have a team of 16 different nationalities, and we provide customer service in more than 14 languages.

WHAT WE DO



RESEARCH & DEVELOPMENT R&D TEAM

- ▶ Specialty applications
- ▶ Lab trials
- ▶ Pilot trials
- ▶ Plant optimization
- ▶ Troubleshooting



TECHNICAL SERVICES SPECIALIZED TECHNICAL TEAM

- ▶ Maintenance contracts
- ▶ Troubleshooting
- ▶ Chemical cleaning
- ▶ Replacement of consumables & spare parts
- ▶ Remote monitoring



WATER TREATMENT SYSTEMS ENGINEERING TEAM

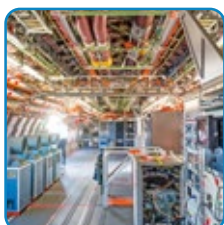
- ▶ Design
- ▶ Engineering
- ▶ Automation
- ▶ Manufacturing
- ▶ Installation
- ▶ Commissioning
- ▶ Training



WATER TREATMENT PRODUCTS TECHNICAL SALES TEAM

- ▶ Equipments
- ▶ Spare parts
- ▶ Consumables
- ▶ Standard systems
- ▶ Technical Support
- ▶ Global Logistic Support

WHO WE SERVE



MANUFACTURING



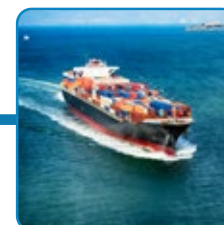
OIL & GAS



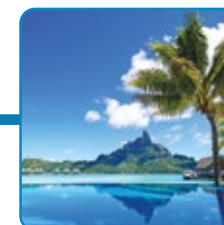
MINING



CHEMICAL
& PETROCHEMICAL



SHIPPING



TOURISM



FOOD & BEVERAGE



AGRICULTURE

PRODUCT OVERVIEW

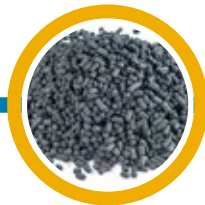
PUMPS



FILTERS & FILTER HOUSINGS



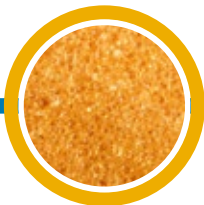
MULTIMEDIA & ADSORBENTS



ULTRAFILTRATION MODULES



ION EXCHANGE RESINS



PRESSURE VESSELS & TANKS



CHEMICALS



MEMBRANES



EDI MODULES



DISINFECTION



MEASUREMENT DEVICES



VALVES & COUPLINGS



PUMP

Lenntech can offer a **broad range of pumps** for any type of flow and application: surface water, groundwater, seawater, tap water and wastewater. Whether you are looking to treat seawater or to produce ultrapure water, **our technical sales team can assist you in the selection and sizing of pumps** and **advise you** with a highly reliable pump solution that meets your system feed requirements.

PRODUCT TYPES

- ▶ Low pressure pumps
- ▶ High pressure pumps
- ▶ Dosing/Chemical pumps

BRANDS WE SUPPLY



FILTERS & FILTER HOUSINGS

Lenntech can provide any replacement for cartridge and bag filters for a variety of industries such as Oil & Gas, Food & Beverage, Pharmaceutical and more. **We provide the full range of filtration products and we can also provide you complete filtration systems** for pure water purification methods. To meet the restocking needs of our customers we can offer **competitive supply agreements** and if an express delivery is required, our team can offer an **express shipment service at a convenient rate.**

PRODUCT TYPES

- ▶ Cartridge filters
- ▶ Filter bags
- ▶ Self-cleaning filters
- ▶ Strainers
- ▶ Filter housings

BRANDS WE SUPPLY



MULTIMEDIA & ADSORBENTS

Lenntech has a **diverse portfolio of filter media and adsorbents** for your multimedia filters (MMF), ranging from anthracite, sand, gravel, activated carbon to **special media for remineralization** such as calcite or specialty adsorbents, (for example arsenic removal). Consult our technical sales team if you need assistance to select the most efficient media for your filtration system.

PRODUCT TYPES

- ▶ Activated Carbon
- ▶ Arsenic Adsorbent
- ▶ Garnet
- ▶ Sand & Gravel
- ▶ Anthracite
- ▶ Calcite

BRANDS WE SUPPLY



ULTRAFILTRATION MODULES

Ultrafiltration technology is used for the **separation of suspended solids, colloids, bacteria and viruses**. It is used as pre-treatment for several processes such as reverse osmosis, ion exchange and EDI. It is particularly suited for surface water applications and challenging water in terms of suspended solids concentration. The UF technology is **used in MBR modules** and in both **wastewater treatment** and **membrane filtration**. You can **consult our website** for more information on the **advantages** of using ultrafiltration technology.

PRODUCT TYPES

- ▶ Ultrafiltration membranes

BRANDS WE SUPPLY



MEMBRANES

Lenntech can provide you **Reverse Osmosis (RO)** and **Nano-filtration (NF)** elements, from 1.8" to 8" diameter, for **any type of water source** (brackish water, sea water, tap water) and for a **variety of industrial applications**, municipal desalination, water re-use and residential drinking water devices. **Our technical sales team** can provide you the required **technical support to identify the best membrane solution** for each application.

PRODUCT TYPES

- ▶ High/Low Brackish Water
- ▶ Seawater
- ▶ Nanofiltration
- ▶ Fouling Resistant
- ▶ Low & Eco Low Energy
- ▶ Flat Sheets

BRANDS WE SUPPLY



CHEMICALS

Lenntech offers a large range of applications, from pre-treatment to post-treatment processes. We can **design chemical dosing systems** and **advise the right product** for any water application. Our engineering team is able to support and **provide your business with the adequate equipment** and advise you on the right product, based on more than 25 years of experience we have in the chemical field.

PRODUCT TYPES

- ▶ Generic Chemicals
- ▶ Antiscalants
- ▶ Membrane Cleaners
- ▶ Biocide

BRANDS WE SUPPLY



PRESSURE VESSELS & TANKS

Vessels are used to provide environmental protection for water treatment components, such as reverse osmosis and nanofiltration membranes in RO systems. **Thanks to our network of suppliers, Lenntech can offer a great variety of pressure vessels and tanks with new type composite materials and advanced technology. You can request assistance to our technical sales team for the replacement of pressure vessels, selection of ports and membrane module connectors. We can also help you tailor a vessel that meets your water treatment needs.**

PRODUCT TYPES

- ▶ Pressure vessels
- ▶ Tanks

BRANDS WE SUPPLY



ION EXCHANGE RESINS

Ion exchange is used in water treatment for a variety of water treatment applications, including demineralization, ultrapure water and nuclear applications. **Thanks to our direct collaboration with the major global producers, Lenntech can provide you not only competitive alternatives for pricing and availability but also all the necessary technical support to identify the best product for any application.**

PRODUCT TYPES

- ▶ Weak / Strong Anion Resins
- ▶ Weak / Strong Cation Resins
- ▶ Mixed Bed Resins
- ▶ Chelating Resins

BRANDS WE SUPPLY



EDI MODULES

EDI technology removes residual salts and ionizable aqueous species - such as carbon dioxide, silica, ammonia and boron - from your water sources. The **EDI systems operate chemical-free, achieve 97% water recovery, and consume only electricity.** The continuous production of ultrapure water can have applications in fields such as power plants, semiconductor, microelectronics, food & beverage, and the pharmaceutical industry. You can **consult our engineering team for more information on this technology and to select the EDI module** that best meets your needs.



PRODUCT TYPES

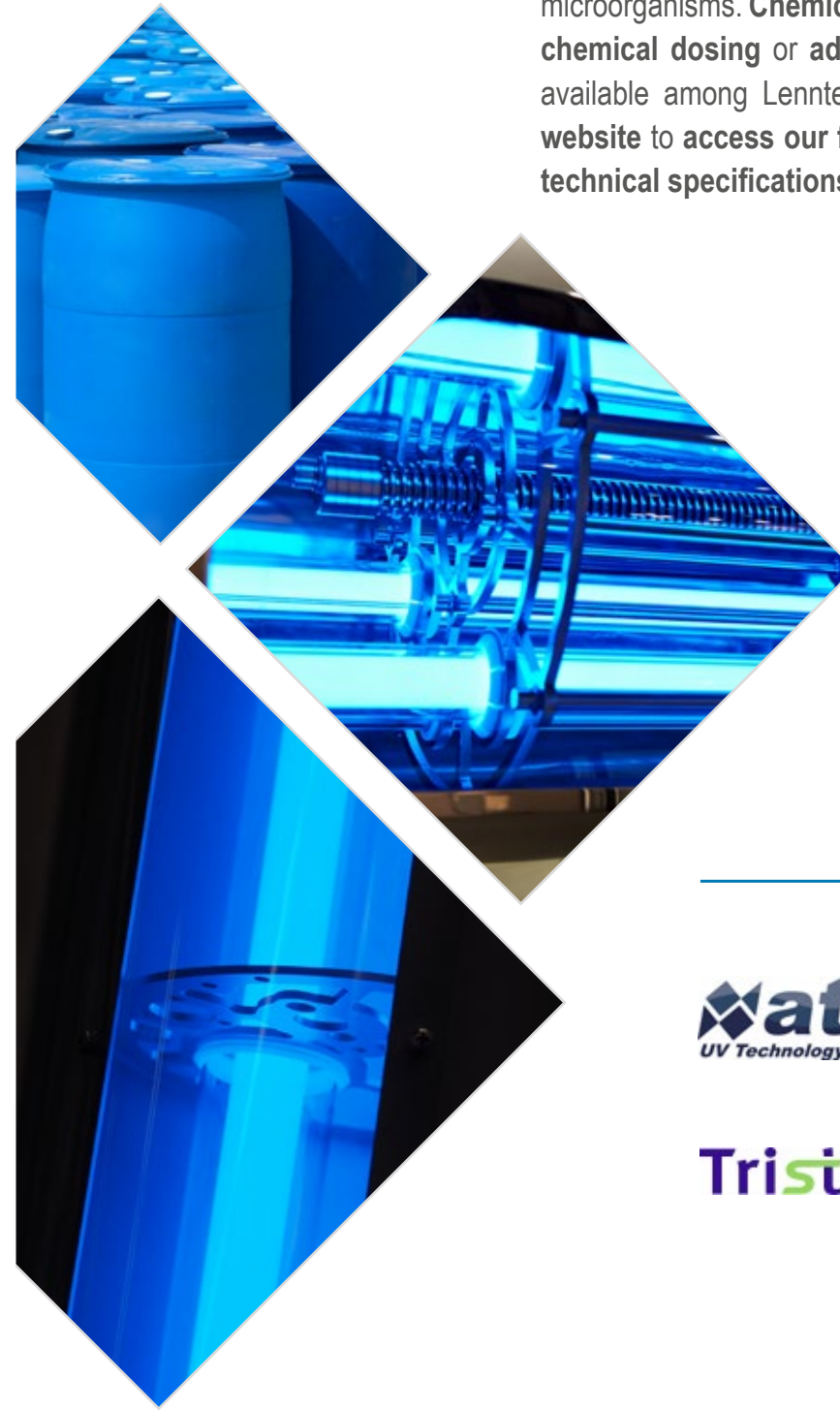
- ▶ EDI modules
- ▶ ED
- ▶ BP MED

BRANDS WE SUPPLY



DISINFECTION

Water disinfection means the removal, deactivation or killing of pathogenic microorganisms. **Chemical free disinfection for all water applications, chemical dosing or advanced oxidation/disinfection solutions** are available among Lenntech's product portfolio. You may **consult our website to access our full scope of supply and find all the relevant technical specifications** of each product.



PRODUCT TYPES

- ▶ Ultra violet / ultra pure systems
- ▶ Uv lamps
- ▶ Ozone generators
- ▶ Clo2 systems

BRANDS WE SUPPLY



MEASUREMENT DEVICES

As water treatment technologies evolve, robust and adaptable systems are needed and **Lenntech** can offer multiple alternatives for measurement devices. **Our technical team can guide you in the selection of the best equipment for each application** and you can also **consult our website** and use the available **Testomat selection tool** that will quickly help you select the most useful Testomat device for your application, including the adequate liquids.

PRODUCT TYPES

- ▶ Measurement devices
- ▶ Alarm devices
- ▶ Testing kits

BRANDS WE SUPPLY



SIEMENS



Endress+Hauser **EH**

COUPLINGS & VALVES

Lenntech can provide a **broad range of couplings, valves and fittings** that are designed to make the installation and connection of your Reverse Osmosis and Ultrafiltration systems fast and easy. Thanks to our network of suppliers we can offer you **products that are made to facilitate the maintenance and replacement of equipment**, and couplings that come in a **variety of styles**, with **any type of gasket to suit your needs**.

PRODUCT TYPES

- ▶ Couplings
- ▶ Valves
- ▶ Fittings

BRANDS WE SUPPLY



Toray | GE | Grundfos | Danfoss | Lanxess | Jacobi | 3M | IonPure | Lenntech | Purolite | Eaton | CSM | LG Chem | Thermax
Protec | Lowara | Inge | CAT | Rohm & Haas | Trisep | Pentair | ATG | CodeLine | Avista | Harmsco | Mitsubishi | Pentek
Cuno | Heyl | Evoqua | Pacific Ozone | LewaBrane | KSB | Victaulic | Atlas Filtri | Pall | Millipore | Wave Cyber | Prominent
Dupont | Suez | Dow | Nalco | Ecolab | Hydranautics | Flygt | Fedco | Microdyn Nadir | Ebara | Kurita | Endress + Hauser
Hach | Speck | Saer | Testomat | Iwaki | Nocchi | Ropur | DAB | Calpeda | Filmtec | Clack | Resinex | Lewatit | Dowex



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