



PURIFICATION SOLUTIONS TRADING CO.

PORTFOLIO 2025





Foot-Mounting Professional Dosing Pump



Mounting Professional Dosing Pumps

Foot-Mounting Professional Dosing Pump



Mounting Professional Dosing Pumps

Foot-Mounting Professional Dosing PumpWall



Mounting Professional Dosing Pumps

Foot-Mounting Professional Dosing PumpWall



Mounting Professional Dosing Pumps

Foot, Injection, Multifunction Valves



Foot, Injection, Multifunction Valves

Motor Driven



Motor Driven Pumps

Motor Driven



Motor Driven Pumps

Motor-Driven Chemical up to 4000 l/h



Motor-Driven Chemical up to 4000 l/h

Multifunction Piston Motor-Driven Dosing Pump



Multifunction Piston Motor-Driven Dosing Pump

Mixers



Mixers

Suction Lances



Suction Lances

Dosing Stations



Dosing Stations

Dosing Stations



Dosing Stations

Chlorine Dioxide Generator



Chlorine Dioxide Generator





Single / Double Measure



Controller

Domestic Water System



Domestic Water System

Chiller Water System



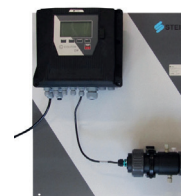
Chiller Water System

Amperometric Probes with Membrane



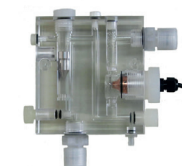
Amperometric Probes with Membrane

Turbidity System



Turbidity System

CHLORINE SENSOR



CHLORINE SENSOR



Cooling Water System



PH,CL PANEL



Swimming Pool Compact Systems



Swimming Pool System



TDS, PH, ORP ANALYSERS



pH and ORP Sensors



Conductivity Probes with inbuilt PT100





INOX LOW PRESSURE UV LAMP SYSTEMS



OPTIGUARD UV SYSTEMS



HDPE LOW PRESSURE UV LAMP SYSTEMS



INOX MEDIUM PRESSURE UV LAMP SYSTEMS





HDPE 110-200



Connection:	2" BSPT
Hydraulic capacity:	22 m ³ /h
Number of lamps:	1 x 200 W
Power:	0.23 kW

HDPE 160-200



Connection:	DN65
Hydraulic capacity:	37 m ³ /h
Number of lamps:	1 x 200 W
Power:	0.23 kW

HDPE 200-400



Connection:	DN100
Hydraulic capacity:	79 m ³ /h
Number of lamps:	2 x 200 W
Power:	0.45 kW

HDPE 225-600



Connection:	DN125
Hydraulic capacity:	129 m ³ /h
Number of lamps:	3 x 200 W
Power:	0.68 kW

HDPE 315-975



Connection:	DN250
Hydraulic capacity:	445 m ³ /h
Number of lamps:	3 x 325 W
Power:	1.11 kW

HDPE 315-1950



Connection:	DN250
Hydraulic capacity:	445 m ³ /h
Number of lamps:	6 x 325 W
Power:	2.21 kW



Benefits Immersion UV Systems

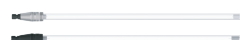
- No pressure loss
- 9 Meter long cable
- Easy to install/ Ideal for retrofitting/ Wet and dry install possible
- Withstands vibrations and strong water flows

INOX / PVC 40 W



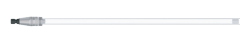
Number of lamps:	1 x 40 W
Power:	0.05 kW

INOX / PVC 75 W

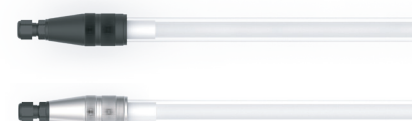


Number of lamps:	1 x 75 W
Power:	0.08 kW

INOX / PVC 80 W



Number of lamps:	1 x 80 W
Power:	0.09 kW



UV control units for low pressure lamp systems

For the VGE pro systems based on low pressure UV lamps seven different types of control units are available. Depending on the needed functionality, simple on/off up to full function PLC based controllers can be selected.
All controllers are powering the UV lamps via high frequency and high efficiency lamp drivers.

Basic Controller



For low pressure single lamp systems with 75 ,40 and 140 W UV lamps.

- Features:
- Basic on/off functionality
 - Compact aluminum housing
 - Plug & Play

Basic Controller



For low pressure single and multi lamp systems with 200 ,140 and 325 W UV lamps.

- Features:
- Basic on/off functionality
 - Closed ABS housing
 - Input for lamp control

Control Timer



For low pressure single lamp systems with 75 ,40 and 140 W UV lamps.

- Features:
- As Basic Controller
 - Closed ABS housing
 - LED hours counter

Control Monitor



For VGE Pro UV low pressure single lamp systems with 140 ,75 ,40, 200 and the multi lamp 3 x 140 W systems.

- Features:
- As Basic in Polycarbonate housing
 - Lamp hours counter
 - Multilingual (UK, DE & FR)
 - Input for optional UV sensor
 - Flow switch/temp switch port

Control Monitor Plus



For low pressure multi lamp systems with 140 and 200 W UV lamps.

- Features:
- As Control Monitor in coated steel housing
 - Multi colour 4 line LCD display
 - Input for optional UV sensor
 - Input for optional temperature sensor

PLC Touch



For low pressure multi lamp systems with up to 6 x 325 W UV lamps.

- Features:
- As Control Monitor Plus
 - Full colour touch screen HMI
 - User interface for remote control

OptiControl



For low pressure multi lamp systems with 6 or more 400/325 W UV lamps.

- Features:
- As PLC Touch
 - Full colour touch screen HMI
 - User interface for remote control



Square Designed Remote Type
Electromagnetic Flowmeter



ETRANS-M410R (Teflon)-S
ETRANS-M210R (Ebonite)-S

Square Designed Compact Type
Electromagnetic Flowmeter



ETRANS-M410C (Teflon)-S
ETRANS-M210C (Ebonite)-S

Circle Designed Compact Type
Electromagnetic Flowmeter



ETRANS-M410K (Teflon)-S
ETRANS-M210K (Ebonite)-S

Square Designed Remote Type
Electromagnetic Flowmeter



ETRANS-M0410R (Teflon)
ETRANS-M0210R (Ebonite)

Square Designed Compact Type
Electromagnetic Flowmeter



ETRANS-M0410C (Teflon)
ETRANS-M0210C (Ebonite)

Circle Designed Compact Type
Electromagnetic Flowmeter



ETRANS-M0410K (Teflon)
ETRANS-M0210K (Ebonite)

Square Designed Remote Type
Insertion Electromagnetic Flowmeter



ETRANS-INS-R

Square Designed Compact Type
Insertion Electromagnetic Flowmeter



ETRANS-INS-C

Circle Designed Compact Type
Insertion Electromagnetic Flowmeter



ETRANS-INS-K

Wafer Type Vortex Flowmeter



ETRANS-V-S

Flange Type Vortex Flowmeter



ETRANS-V-F

Remote Type Vortex Flowmeter



ETRANS-V-R



Flanged Type Stainless Steel
Turbine Flowmeter



ETTRANS-TD-F

Thread Type Stainless Steel
Turbine Flowmeter



ETTRANS-TD-D

Stainless Steel Turbine Flowmeter
with Indicator



ETTRANS-TD-GF

Flanged Type Stainless Steel
Turbine Flowmeter



ETTRANS-TD-F

Thread Type Stainless Steel
Turbine Flowmeter



ETTRANS-TD-D

Stainless Steel Turbine Flowmeter
with Indicator



ETTRANS-TD-GF

Clamp-On Ultrasonic Flowmeter



ETTRANS-UD

Inline Ultrasonic Flowmeter



ETTRANS-U

Portable Ultrasonic Flowmeter



ETTRANS-UP

Piezoresistive Pressure Sensor



ETTRANS-P01

Piezoresistive Pressure Sensor
With Local Display



ETTRANS-P02

Piezoresistive Pressure Sensor
With ATEX Approval



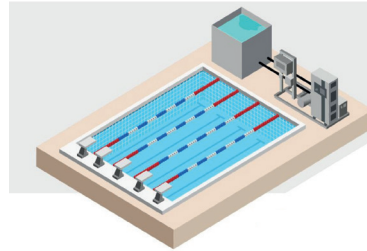
ETTRANS-PX5 | ETTRANS-PX1



Ozone for Swimming Pools and Water Parks

Ozone solutions for public and private pools, indoor and outdoor.

Ozone systems to treat swimming pools by injection in the pipe, or recirculation in a compensation tank.



Ozone for Swimming Pools

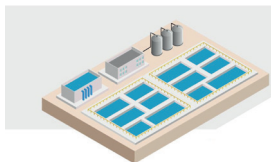
Treat your pool with ozone, and you will notice the difference. Ozone is a powerful water purifier and disinfectant, with low residual effect. It is very powerful, but only for a few minutes. The ozone is also generated in situ, and it works automatically, you just need to connect it to the recirculation pipe and provide it with a light point.

Ozone in your pool reduces chlorine consumption, reduces chloramines, trihalomethanes, eliminates viruses, bacteria, fungi and molds, reduces COD; BOD, turbidity, color and odor of the water. Provides clean, crystal clear water with no tastes or odors. Prevents the release of chloramines into the environment and the unpleasant odor in indoor pools.

Ozone for Potabilization in DWTP

Ozone solutions for drinking water treatment plants

Design, manufacture, installation and maintenance of the ozone system for DWTP



Use Ozone in DWTP, improves water quality

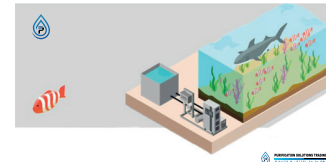
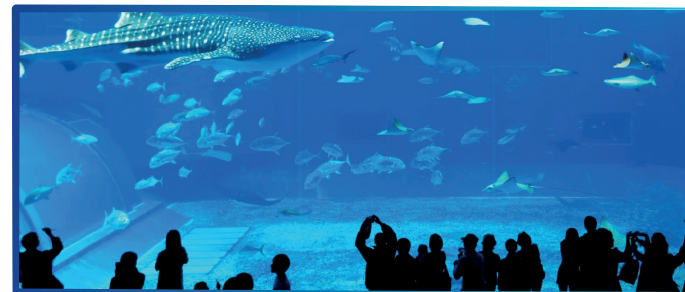
Most drinking water treatment stations incorporate ozone in the purification process. Ozone considerably improves station performance. A PRE ozonation improves the effects of flocculants and coagulants, oxidizes heavy metals, reduces organic load, and settling will be more effective. In an INTER phase, ozone improves the performance of the filters, reduces the number of washes and lengthens their useful life, as well as continuing to reduce COD, BOD, turbidity, color, odour, SS; SD. Finally, it is used in the POST phase, as a disinfectant.

We offer the complete solution, ozone generator with refrigeration, ozone distribution and distribution system, contact chambers with diffusers, venting valves and ozone destroyer, measurement of gas and dissolved ozone, general electrical panel, with PLC and remote monitoring.

Ozone for Fish Farms and Aquariums

Ozone solutions to disinfect the water in swimming pools with animals.

Ozone systems to treat aquariums and fish farms by injection in Skimmer or re-circulation



Ozone for Aquariums

Fish farming in both saltwater and freshwater entails using controlled volumes of water for development and growth, where any variation in water quality causes losses.

Most important advantages

Eliminate toxins and phytosanitary

Elimination of viruses, bacteria, fungi and molds

Oxidation of iron and manganese

Elimination of color, taste, odor, reduces turbidity COD, BOD.

Provides oxygen to the water.

Elimination of algae and biofilm from pipes.

Oxidation of organics (phenols, detergents and pesticides)

Oxidation of inorganics (cyanides, sulfides and nitrites)

Microfloculation of organic solvents

Pretreatment of biological processes

Reduction of trihalomethanes and other organo-chlorinated elements



**Professional Ozone Generator
Recirculation System For Tanks
Complete With :**

- Compressor
- Oxygen Concentrator
- Automatic power control through PLC and Ozone water meter
- Ozone recirculation and injection system by pump and venturi.
- Redox and electronic control with touchscreen



**Professional Ozone Generator.
One Complete Package for small
capacities.
complete with :**

- Oil-Free Compressor, Double Piston
- Integrated PSA Oxygen Concentrator
- Injection System With Pump, Venturi and Pressurized Tank
- Integrated REDOX Controller
- Sensor For Ozon Leak, Pressure, and water flow.
- Automatic Start and Stop By Water Flow Detection.
- Manual or Automatic Power Control By PID and REDOX.



**Professional Ozone Generator
Direct Inject In Filling Line
Complete With :**

- Compressor.
- Oxygen Concentrator.
- Automatic power control through PLC and Ozone water meter.
- Pump and contact tower.
- Venturi dilution system.
- Redox and electronic control with touchscreen.



PURIFICATION SOLUTIONS TRADING CO.

شركة حلول التنقية للتجارة

✉ info@purification-solutions.com

🌐 <https://purification-solutions.com/>

☎ +966 55 750 7124

📍 P.O.Box 12463 , Riyadh 7134 Riyadh, Kingdom of Saudi Arabia



PURIFICATION SOLUTIONS TRADING CO.

شركة حلول التنقية للتجارة