VODAPRO

INNOVATIVE FLUID HANDLING + CONTROLS

Your Global Partner In

Water Treatment Solution

www.vodaproasia.com

VODAPRO

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Ready For More?

VODAPRO has been increasing the product range and service support at a steady pace. We are partnering with at least 10 different brands since 2013 and will continue to diversify the product range to become a truly one stop centre for dosing and monitoring equipment providers.

We are recognized as a responsible business partner. Our ability to have four key differences really set us far in terms of experience, competitive price, swift support and personal stockist.

We understand your instruments and have the up-to-date information and skills being further polished with our partners and manufacturers. We are also capable of assisting you in tasks like calibration and troubleshooting.

VODAPRO would love to meet you to explain more or kindly visit our website at www.vodaproasia.com to learn more about us.

Our Vision

To be the company of choice of our clients in global market for water monitoring, driven by innovative, reliable and easy-to-use solutions.

Our Mission

To provide one-stop, responsive and trusted water monitoring instruments to our clients with the highest-quality, most dependable before and after sales services.

Waste Water Treatment

Waste Water

COND | COD | pH
Intake Chamber

pH | F^- | ORP
Pre-treatment Tank

pH | DO | ORP
Activated Sludge Tank

Sedimentation Tank

pH | F^-
Flocculation Tank

Final Discharge

Sedimentation Tank

Filter

Treated Water Tank

pH | Turb | COD | N
P | Cu | CN

River Water Treatment

River / Lake Water

pH | BOD
DO | COD
TSS | NH_3
Auto Sampler

pH | TSS
Flocculation Tank

Sedimentation Tank

Filter

FCl | F^-
pH | Turb
Color

Treated Water Tank

City Water / Industrial Water

Ultrapure Water Treatment

City Water

pH | FCl
Hardness

Storage Tank

Filter

Polisher

Make-up

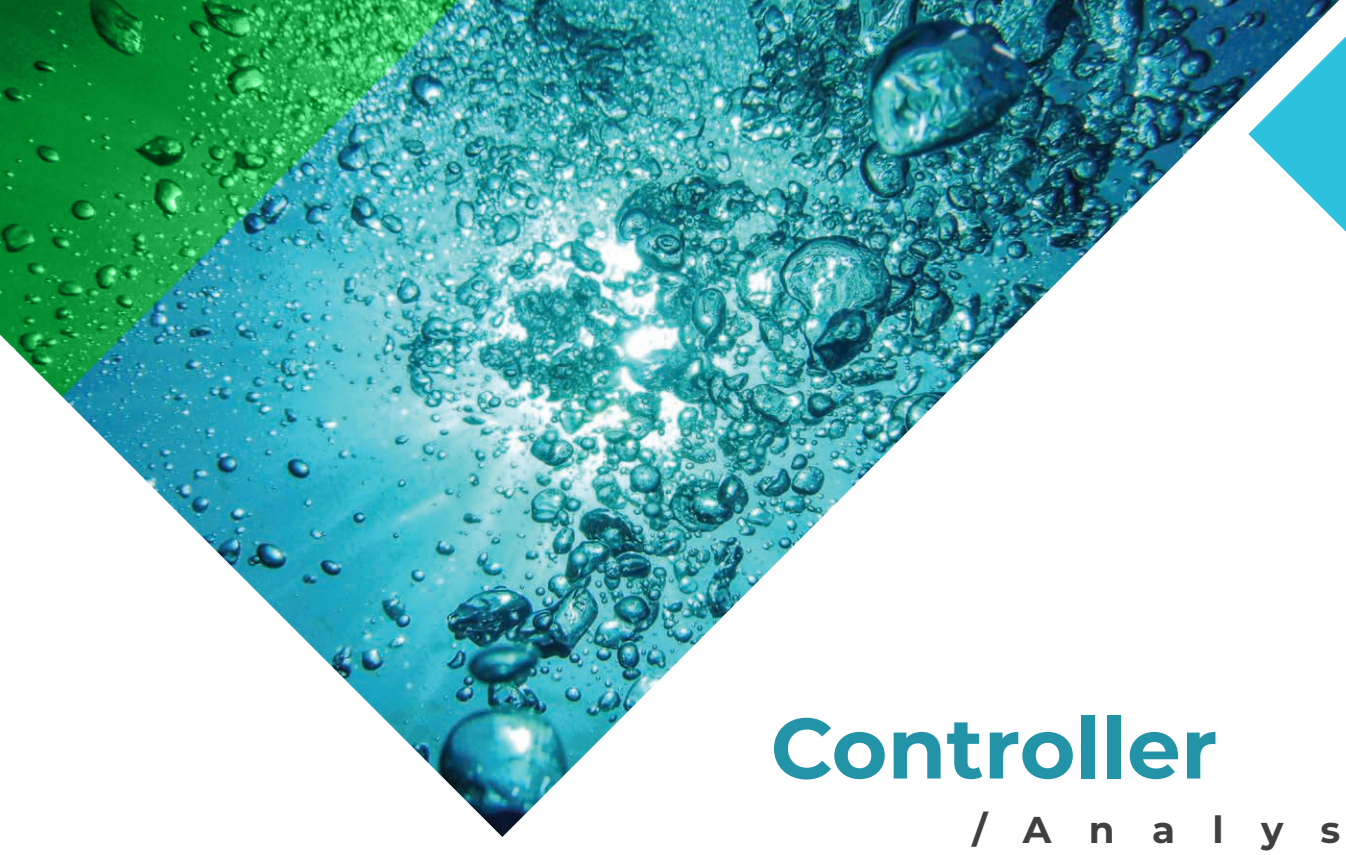
Reverse Osmosis

Fine Filter

COND | pH

Ultrapure Water

Resist | Na^+
SiO_2



Controller

/ A n a l y s e r

Key Features :

- Two 4-20mA current outputs
- Two/Four relay outputs with delay function
- One multifunctional relay (Clean/Period/Error alarm)
- Automatic/Manual temperature compensation
- RS485 MODBUS communication
- Data logger & software update (6000 Series only)
- Power supply: 90-260VAC (Optional for 24VDC)
- 2 years warranty

Leadtec is a leading manufacturer of on-site water monitoring instruments for groundwater, surface water, pure water and wastewater applications.

With field proven technologies, **Leadtec** is here to deliver accurate and reliable measurements to you. **Leadtec** offers single channel and multichannel controllers for your process requirement.

Leadtec also provides OEM/ODM products to our customers according to their requirements.

6000 Series

800 Series

Certified Values :

Sensors & Accessories

Leadtec offers an extensive portfolio of analytic sensors: each sensor is specifically designed for its area of application; the respective approvals, certificates and process connections range.

Based on different physical, electrochemical and optical effects, liquid analysis sensors measure values as below:

1. pH/ORP
2. Conductivity/Salinity /Resistivity/TDS
3. Dissolved Oxygen
4. Turbidity
5. Suspended Solids
6. Ion Selective Electrode (ISE) - Fluoride
7. Amperometric Sensors (Free Chlorine, Ozone, Hydrogen Peroxide etc)
8. Accessories (Wiper, Spray Wash, Flow Cell)

Added-value services :

- A Sensor calibration services with certificates
- B Site testing and commissioning
- C Calibration solutions & maintenance kit

pH/ORP Sensors

Conductivity / Resistivity / TDS Sensors

Amperometric Sensors (FCl, O_3, H_2O_2 etc)

DO Sensors

Turbidity / Suspended Solids Sensors

Fluoride Sensor

Automatic Wiper

ProMinent › Made in Germany

www.prominent.com

ProMinent group of companies is based in Heidelberg and for over 55 years has been developing and manufacturing components and systems for metering liquids and solutions for water treatment and water disinfection.

gamma/ X

Solenoid Driven Metering Pump

- Greater process safety.
- Greater dosing quality.
- Best value for money!

Key Features:

Highest Process Safety
Integrated pressure measurement and indication without any sensor in the dosing head.

Advanced Connectivity
Connection to process control systems via bus interfaces, such as Profinet and CAN bus.

Maximum Reliability
Trouble-free processes by the detection of hydraulic malfunctions or blocked discharge lines.

Key Features:

1. Process safety thanks to dual diaphragm with diaphragm rupture warning system.
2. Reliable operation due to venting option.
3. Integrated relief valve protects against overloading.
4. Simplified management of spare parts when using the Sigma product range.
5. For volume-proportional, time-controlled, pulse-controlled and measurement-dependent metering.
6. 2 standard materials PVDF/PTFE and Stainless Steel/PTFE.

Sigma Basic Type

Robust pump for safe and reliable use.

Sigma X Control Type

Reliable, smart and network-friendly.

What chemicals Sigma X Family can handle?

- Chemical dosing up to over 1,000 L/h
- Disinfectants in potable water treatment
- Disinfectants in cooling circuits
- Flocculants in wastewater treatment
- Additives in the pulp and paper industry
- Additives in plastic manufacturing

DULCOMETER® D1Cb/D1Cc

DULCOTEST® Sensors

Key Features:

- **Universal Transmitter**
- **PID control function**
- **Multifunctional relay**
- **Simple installation to the same fittings and controllers**
- **Unaffected by interference due to turbidity or discolouration**

List of Parameters:

- PH
- ORP
- Conductivity
- Total / Combined / Free Chlorine
- Total / Combined / Free Bromine
- Chlorine Dioxide
- Dissolved Oxygen
- Hydrogen Peroxide
- Peracetic Acid
- Fluoride
- Chlorite
- Ozone

SANDPIPER › Made in USA

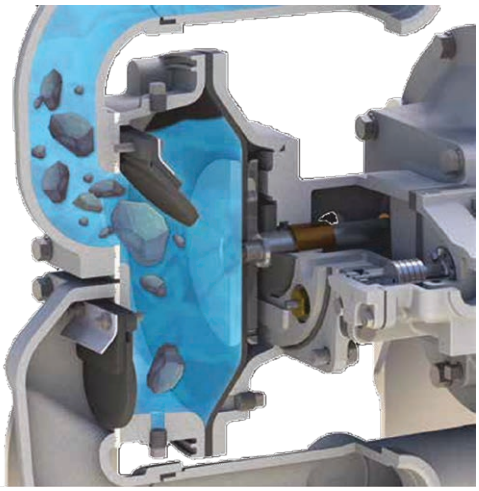
www.sandpiperpump.com

Electricity bill? Energy management?

Why pay so much more for just slight ER improvement when you can afford for Sandpiper Pump, with at least 40% less air consumption.

Sandpiper Signature Series and Heavy Duty Flap Pumps are recommended for abrasive slurries, suspended and non-suspended solids and line-size solids requirements.

SANDPIPER Signature Series



Exclusive SANDPIPER Feature

Bottom Discharge Porting
Eliminate the damage from settling solids in your pump, with the exclusive bottom discharge capabilities of our Heavy Duty Ball Valve and Heavy Duty Flap Valve pump lines.

- Prevent broken diaphragm plates
- Ensure even diaphragm wear for longevity
- Eliminate diaphragm rod damage

Specifications

Suction / Discharge Port Sizes	: 1” through 4”
Maximum Flow Rate Per Minute	: 310 Gal. (1173 L)
Maximum Head	: 88 m
Maximum Suction Lift	: 7 m
Maximum Solids Handling	: 3” (75mm)

Pro-Tec

Pro-Tec offers a comprehensive range of flowmeters including electromagnetic type, vortex type and turbine type. All the flowmeters are wet-calibrated in the factory before delivery.

Pro-Tec also offers paperless chart recorder up to 18 channels of universal inputs and 4 alarm output relays.

Ultrasonic Flowmeter

Portable Type

Online Type

Electromagnetic Flowmeter

FS Series
(Compact Type)

RS Series
(Remote Type)

Others

Paperless Chart
Recorder

Vortex
Flowmeter

Ultrasonic Level
Transmitter

Eureka › Made in USA

www.waterprobes.com

Eureka Water Probes was formed in 2002 by industry veterans who believed there was considerable room in the multiprobe market for improvements in technology and customer service.

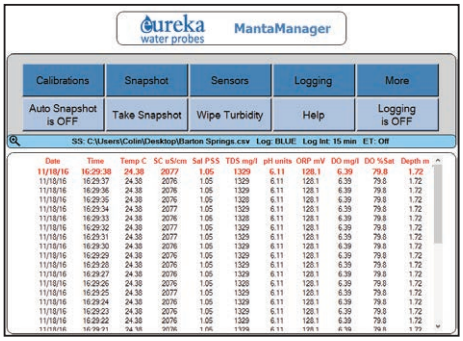
The brand continues to provide innovative and reliable multiprobes backed by market-leading customer service. Playing a part in helping to protect the world's water resources by designing and manufacturing the world's best multiprobes remains our sole focus.

List of Parameters:

- Temperature
- pH / ORP
- Turbidity
- Transmissivity
- Dissolved Oxygen
- Conductivity / TDS / Salinity
- Depth / Barometric Pressure
- Total Dissolved Gas (TDG)
- Ammonium / Ammonia
- Nitrate
- Chloride
- Sodium
- Calcium
- Bromide
- Chlorophyll
- Blue-Green Algae
- Rhodamine Dye
- CDOM / FDOM
- Optical Brightener
- Tryptophan
- Fluorescein Dye
- PTSA
- Refined / Crude Oil
- Photometric PAR
- Carbon Dioxide

Manta+ Multiprobe

The **Manta+ Multiprobes** family offers up to 12 sensors in one, integrated package. Each Manta+ comes with embedded memory for internal logging, Manta Manager software and standard 3 years warranty. It has 6 series made up of Trimeter, Manta+ 20, Manta+ 25, Manta+ 30, Manta+ 35 and Manta+ 40 with different sensor configurations and sizes.



Leapfrog Bluetooth Module

Leapfrog Bluetooth Module provides power to the Manta+ and wireless communication to any Bluetooth-enabled display running the Manta Manager application – Windows Mobile, Windows for PC, or Android and iOS, including the Amphibian2 – portable Windows Mobile PDA from Eureka incorporating Manta Manager with GPS, camera and cell phone options.

Manta+ Multiprobe Applications:

- Site-to-site profiling
- Unattended logging
- Telemetered deployment
- Buoy monitoring
- Process monitoring

Accessories

Standard **accessories** include flow cells, copper-gauze anti-fouling kits, cable reels, SDI-12 converters, hard-sided cases, soft padded backpacks, pipe kits to protect logging units in the field, weather stations, Leapfrog Bluetooth, and a full line of calibration standards including secondary calibration standards for fluorometers.

LTH Electronics › Made in UK

www.lth.co.uk

LTH is established in Luton, England – 19th June 1967 moving to 50 years' experience on analytical process measurements. **LTH** delivers intelligent measurement solutions for process applications that require accurate and reliable control and measurement.

LTH is an ISO 9001:2015 registered company who offers a 3 years warranty on all their instruments.

Product Categories :

- Contacting Conductivity
- Dissolved Oxygen
- Electrodeless Conductivity
- Flow Measurement
- Level Measurement
- ph & Redox (ORP)
- Pressure Measurement
- Suspended Solids & Turbidity
- Temperature Measurement
- Hydrogen Peroxide

MXD70 Series

The **MXD70** series is IP66 microprocessor controlled, multiparameter instrument available in panel and surface mount options.

Key Features :

- **A** — Multichannel controller up to three sensors/ measurement inputs
- **B** — Can be expanded up to 6 relay outputs and 6 x 4-20mA current outputs
- **C** — Optional built in data logging and live trending
- **D** — Auxiliary mA input card - Accepts 0/4-20mA industry standard signal
- **E** — Optional Modbus RS485 communication

ECS40 Series

ECS40 sensors are using electrodeless method of measuring conductivity with virtually zero maintenance and provide reliable measurements. It can measure chemical concentration NaOH, NaCl, HCl, H_2SO_4 etc.

- **PEEK FDA approved wetted materials**
- **Hygienic, inline, dip and tank mount**
- **Steam sterilisable to 135°C, thermal shock resistant for CIP applications**
- **IP67 connection simplifies installation and maintenance**
- **Permit use up to 100°C and 10 bars**

CMC Series

The **CMC** series conductivity cells consist of 3 graphite electrodes cast into an epoxy resin body which electrically isolates a precise volume of liquid. All the conductivity cells can be supplied with cell constant certification if required.

- **High quality, robust industrial sensors**
- **Cell constants 0.01, 0.1, 1.0 & 10.0**
- **Cell constants accuracy ±2%**
- **Permit use up to 180°C and 34 bars**
- **Available with sensor material certificate 3.1**

Ultrasonic Level Transmitter

Portable Time Transit Ultrasonic Flowmeter Kit

Spray Wash Cleaning

Suspended Solids Sensor With Quadbeam Technology

Aquacal 2000 Portable Conductivity Resistivity Calibration Kit

Systea › Made in Italy

www.systea.it

SYSTEA S.p.A. is an Italian company established in 1988 with the objective to develop, manufacture and sell automatic wet chemistry analyser for environmental and industrial markets, to be applied in the following liquid samples: surface water, drinking water, wastewater, sea water etc.

SYSTEA quality system is certified ISO 9001:2015.

Key Features :

Robust And Reliable
Highest level of robustness in the electronics, mechanics and hydraulics components.

Easy To Install
Ready for installation, without any further adjustment, with successful final tests before delivery.

Automatic Calibration
Selectable calibration interval for the analyzer to perform automatic calibration cycle.

Low Reagent Consumption
The usage of the reagent is minimized according to the measurement range.

Self-cleaning Filtration Unit
The filtration unit runs periodically a self-cleaning cycle, using compressed air to remove suspended solids.

MICROMAC C

is a colorimetric microprocessor controlled online analyser specifically designed for automatic monitoring on several type of waters matrix.

Available Parameters :

- Alkalinity
- Aluminium
- Ammonia
- Arsenic
- BOD & COD
- Boron
- Cadmium
- Calcium
- Chloride & Chlorine
- Chromium
- Colour
- Copper
- Cyanide
- Ethylene Glycol
- Hardness
- Hydrazine
- Iron
- Lead
- Manganese
- Monochloramine
- Nickel
- Nitrate & Nitrile
- Nitrogen
- Phenol
- Phosphate
- Silicates
- Sucrose
- Sulphate & Sulphide
- TOC
- Urea
- Zinc
- Up to 60 parameters

WaterSam › Made in Germany

www.watersam.com

WaterSam GmbH & Co. KG was founded in 1996, designing and manufacturing automated products for water sampling and monitoring at Balingen, Germany.

- **Automated Sampler**
- **Monitoring Stations**
- **Custom Sampling Solutions**

Our compact size, decades of experience and exceptionally wide range of sampling equipment gives us unmatched flexibility and a unique position in the water sampling and monitoring industry.

10 systems for sampling from: Open channels, Continuous flow, Pressurized flow.

01 Economical Model

WS-98 Wall-mount Sampler

Vacuum Pump System

XY Distributor – Bottles Arrangement

02 Basic Model

WS312 Compact Sampler

03 Premium Model

WS316 Self-emptying/ Self-rinsing Sampler

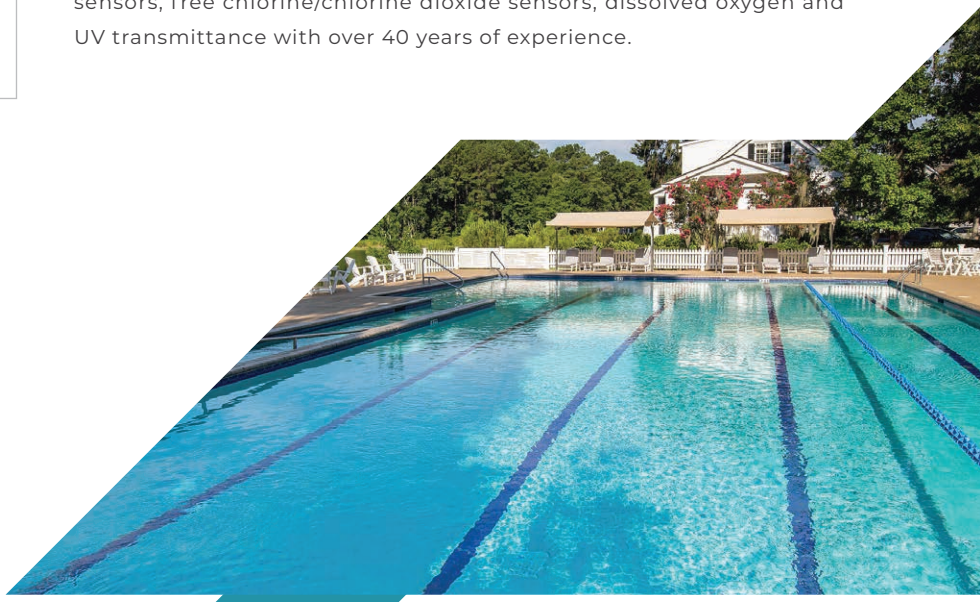
04 Portable Model

WS Porti Mobile Sampler

Sensorex › Made in USA

www.sensorex.com

Sensorex is based in Garden Grove, United States, specializing in the design and manufacture of pH/ORP electrodes, conductivity/TDS sensors, free chlorine/chlorine dioxide sensors, dissolved oxygen and UV transmittance with over 40 years of experience.



SD7000CD Universal Differential pH/ORP Probe

- With replaceable sensor reference
- Extend the working lifetime of sensors in challenging applications
- Compatible with any pH/ORP transmitter (HACH GLI P33, Aquametrix & others)

pH/ORP & Conductivity Controller

- Easy to install 1/8 DIN Case
- Two on/off controls (relay outputs)
- 4-20mA current output

pH/ORP Sensors

Conductivity/ Resistivity/ TDS Sensors

FCI/ClO_2 Sensor

DO Sensor

UVT-LED-SW Online/ Portable UV Transmittance Monitor

Calibration Solutions & Maintenance Kit

Hydro-Air
Process Instruments

Hydro-Air Process Instruments

Hydro-Air is a Malaysian brand which being created to cater for the needs of reliable and good quality water treatment analysers and sensors.

Hydro-Air starts with most common parameters pH/ORP and Conductivity /Resistivity/TDS, and to be extended to more parameters in the future!

Key Features

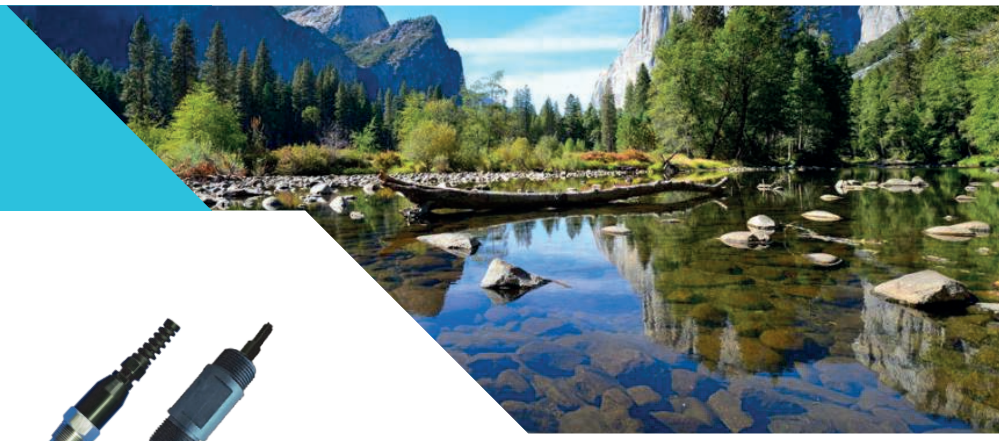
- 1 x 4-20mA output
- 2 x relay outputs
- Automatic / Manual temperature compensation
- RS485 Modbus communication
- Power supply: 90~260 VAC 24 VDC

01 pH / ORP

P-38

02 Conductivity / Resistivity / TDS

C-38



pH/ORP Sensors

Conductivity / Resistivity / TDS Sensors

Part of Thermo Fisher Scientific

EUTECH INSTRUMENTS

Technology Made Easy ...

Eutech Instruments

www.eutechinst.com

Eutech Instruments is a leading ISO 9001-certified company established in 1990, dedicated to the design and manufacture of sensor-based instruments for water quality analysis.

Eutech emphasizes on compact pocket testers and handheld meters, where each product carries the signature **Eutech** intuitive design and is packed with advanced user-friendly features.

Orion™ AQUAfast™ AQ3700 Colorimeter

- Over 90 methods for common test parameters (e.g. Free & Total Chlorine)
- Long battery life
- Six different wavelengths incident LEDs light source
- Records 1000 data points

TN-100 Turbidimeter

- Lightweight, handheld and it floats!
- Auto-ranging up to 2000 NTU
- Meets ISO 7027 (DIN EN 27027) standard
- Delivering stable results in 6 seconds

Available Parameters:

- pH
- ORP
- Conductivity
- Total Dissolved Solids
- Salinity
- Dissolved Oxygen
- IONS
- Temperature

150 Series

450 Series

5+ and 6+ Series

Expert Series

Standard Solutions

FLS › Made in Italy

www.flsnet.it

The strong technical background developed in more than 20 years of applied process experience are leading **FLS** Line to be one of the most qualified solutions in flow measurement (paddlewheel, turbine & electromagnetic).

All **FLS** products are manufactured under ISO 9001:2015 and ISO 14001:2015 with most restrictive CE standards.

Paddlewheel Flow Sensor

- C-PVC, PVDF or Stainless Steel sensor body
- Two sensor lengths to cover from DN15 up to DN600
- IP65 or IP68 protection class
- High chemical resistance
- Version for battery powered system

Single/Dual Channel Flow Controller

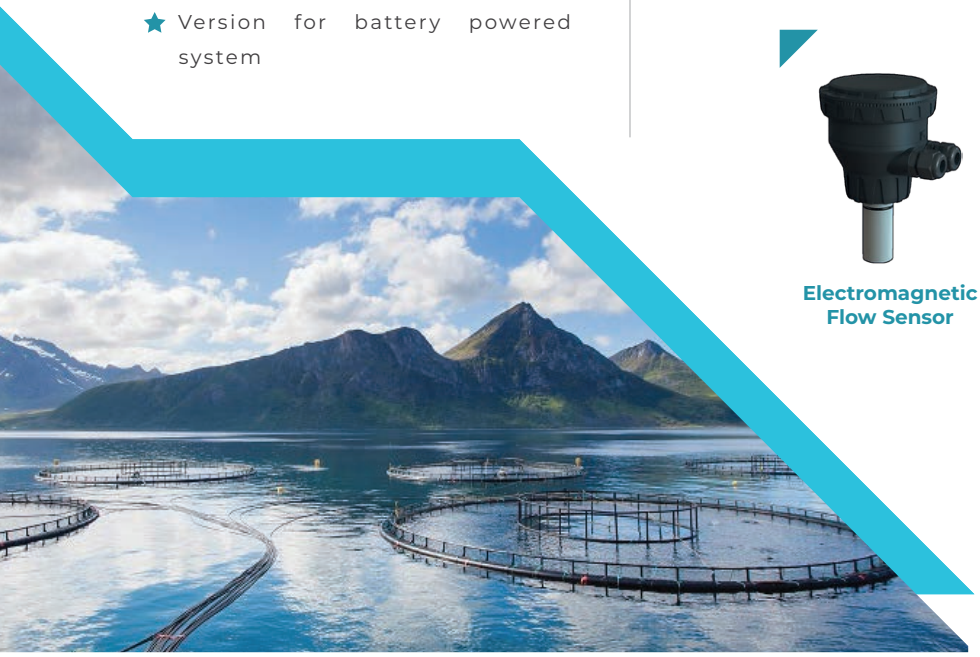
Batch Flow Controller

Analogue Controller

- Wide full graphic display with multicolour backlight
- Fast, intuitive and mistake-proof calibration software
- Mechanical relay for external device control
- Solid State Relays for programmable alarms

Electromagnetic Flow Sensor

High Pressure Paddlewheel Flow Sensor



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INNOVATIVE FLUID HANDLING + CONTROLS

VODAPRO SDN BHD

(1040849-T)

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