



FIMARS

METERING PUMPS



A central image of a water splash, showing a single drop falling and creating a crown-like shape with ripples, set against a white background.

PRODUCTS CATALOGUE



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INNOVATION IN METER

ABOUT US

High Quality, Efficiency, Flexibility and Promptness. These are all ingredients of the Fimars way. Fimars is leader in the design, development and manufacture of metering pumps, polymer and emulsion preparation systems.

Together with its important partners, Fimars offers tailored solutions for pumping, a wide range of accessories, spare parts and services, and professional assistance in setting-up your plant.

All Fimars branded products are designed paying utmost attention to every single component, with the ultimate goal of total efficiency and high quality.

- ◆ 100% European Product
- ◆ Very competitive price
- ◆ Pumps on consignment
- ◆ Exclusivity agreements in your mutually agreed area
- ◆ Fixed prices up to 3 years
- ◆ Worldwide fast delivery
- ◆ Training on our pumps at your place
- ◆ Warranty extensions up to 36 or 60 months
- ◆ Immediate delivery of replacement pump in case of failure
- ◆ Direct technical support for reparations and maintenance



Sistema di Gestione
Certificato
ISO 9001:2015
AQS/Q/3032015

RING SWISS RELIABILITY

OUR PRODUCTS

● General Overview

Our solutions are trendsetting for chemical dosing.

You can find our products hard at work in several industrial sectors including water and wastewater treatment, food and beverage, chemical and petrochemical, powerplant technology, etc...

Our design and quality are equal or better than major brands, while our flexibility allows a prompt reply to any individual customer need.

Our extensive product portfolio, 100% European, includes:

- Motor driven, mechanical diaphragm, **MIA series** spring return metering pumps, flow rate **up to 1000 l/h**
- Motor driven, plunger, **NEO series** for **small flow rate** and **high pressure**
- **API 675** compliant pumps, **FR series** both plunger, single diaphragm and double diaphragm with rupture indication option, **up to 3500 l/h**
- **Automatic** flow control on all motor driven pumps through **linear electric actuator**, 4-20 mA or 0-10 V command signal
- **PP, PVDF, SS 316 L, PVC** liquid end standard materials, special executions always available on demand
- **Solenoid SOL series** metering pumps, several control modes available: 0-20%-0-100% manual, frequency, 0/4-20 mA, Rx, pH, chlorine, multifunction
- **Peristaltic ELA series** metering pumps and washing machines dosing systems
- **High pressure** and **High viscosity** solutions
- **ATEX** solutions
- **Polymer** preparation systems, **500-10000 litres tanks**, **PPS series**, HDPP or S.S. 304L tank material. **Reagents** preparation systems with polyethylene tank **30-1000 litres**
- **Accessories**: safety/backpressure valves, flow meters, mixers, tanks, calibration pots, pulsation dampeners, foot valves, etc...

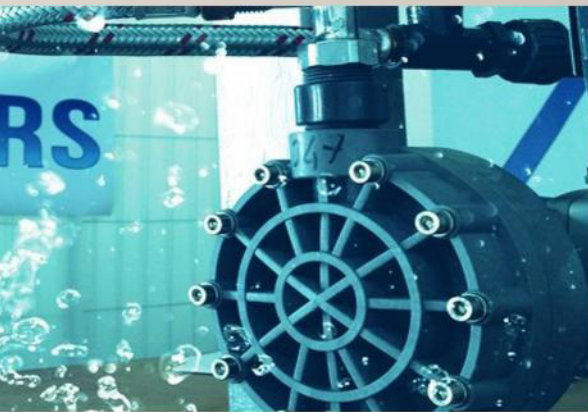


FIMARS

METERING PUMPS



100%
EUROPEAN
MADE



OUR PRODUCTS

● Mechanical Diaphragm Pump MIA series

💧 Performances:

Flow rate: 0-1000 l/h

Pressure: up to 8 bar

Accuracy: $\pm 2\%$ of rated flow from 10 to 100% of rated flow

💧 Features:

Mechanically actuated PTFE diaphragm

Safe: leak free operation, no external moving parts

Robust, compact, reliable design

Easy handling with minimum maintenance

💧 Adjustment:

0-100% Stroke adjustment while running or steady

Standard micrometric manual adjustment 1 mm per turn

Optional electric actuator, 4-20 mA or 0-10 V command with manual override

Optional motor with integrated inverter for frequency control

💧 Materials:

Silver painted aluminum casing

Standard liquid end executions: S.S. 316 L, PP, PVDF

Customized executions available: PVC, PTFE, Hastelloy C276 , etc...

💧 Customized solutions:

ATEX executions

Double valve assemblies

UNI/ANSI flanges

High viscosity executions

Special motors



MIA

Minimum
Maintenance



OUR PRODUCTS

● Plunger Pump NEO series

💧 Performances:

Flow rate: 0-425 l/h

Pressure: up to 30 bar

Accuracy: $\pm 2\%$ of rated flow from 10 to 100% of rated flow

💧 Features:

Low flow rate, high pressures

Robust, compact reliable design

Accurate dosing at any pressure

💧 Adjustment:

0-100% Stroke adjustment while running or steady

Standard micrometric manual adjustment 1 mm per turn

Optional electric actuator, 4-20 mA or 0-10 V command with manual override

Optional motor with integrated inverter for frequency control

💧 Materials:

Silver painted aluminum casing

Standard liquid end executions: S.S. 316 L, PVC

Customized executions available: Incoloy 825, Hastelloy C276, Titanium, etc...

💧 Customized solutions:

EEx proof motors

Double valve assemblies

UNI/ANSI flanges

High viscosity executions

Special motors



NEO

High Pressure



API 675 PUMP SERIES

● Technical Features

💧 Performances:

Flow rate up to . 3500 l/h with single pump head

Pressure up to 700 bar

Metering accuracy reaches 1%

Full API 675 compliant

💧 Features:

Integrated “Oude” worm gear pair, low noise, high transmission efficiency, large torque

Low maintenance, long service life

Plunger and hydraulic diaphragm design

Built-in relief valve, compensating valve and limit valve

Single and double diaphragm, PTFE or metallic made with rupture indicator

💧 Adjustment:

0-100% stepless adjustment of flow

Frequency conversion option

💧 Materials:

Cast iron or anodized cast iron casing

Various liquid end executions: SS 304L, SS 316L, Hastelloy C, PVC, PVDF, PTFE...

💧 Customized solutions:

Explosion proof motors

Special motors

UNI/ANSI flanges

High viscosity solutions

HYDRAULIC DIAPHRAGM METERING PUM



P OR PLUNGER PUMP – API 675 COMPLIANT

OUR PRODUCTS

● Dosing Tank Unit for floor mounting (SPE)

- An efficient and simple solution easily installed and maintained
- An inbuilt container for provision, preparation and storage of the relevant medium
- Long-term flexibility assured as for new dosing processes at different locations
- PE tanks capacity from 120 to 1000 L
- Assembled with mechanical diaphragm or plunger motor driven pump as well as with electromagnetic pump or without pump
- Complete with foot valve, drain valve and PE fixing feet
- Available also as small polymer preparation system up to 300 L capacity, complete with stirrer and polyelectrolyte mixer



DOSING TANK

Fully
Customizable



- Highly customizable with optional level probe, stirrer, relief and backpressure valve



OUR PRODUCTS

● Automatic Polymer Preparation Plants - PPS/EPS series

Easy, flexible, convenient and efficient systems for the continuous treatment and dosing of polymers. PPS series are dedicated to dry polymers, while EPS series to liquid polymers. EPS are normally equipped with a dosing pump designed for high viscosity liquids.

💧 Application:

Prepared polymers filter out particles from drinking water and wastewater. Furthermore, they are important components in sludge dewatering.

💧 Features:

- Various sizes from 500 L capacity up to 10000 L
- Dilution ratio from 0,3 – 0,5% for PPS and 0,1 – 1% for EPS
- Single, double or triple compartments with level probes
- Combined plants for dry and liquid polymers available
- Easy handling minimum maintenance
- High customization possible
- Tank materials: High density polypropylene and S.S. 304 L
- Automatic running through electric control panel IP 55



PPS-EPS

Up to 10000 L/h
Preparation



OUR PRODUCTS

● Solenoid Pump SOL series

💧 Performances:

Flow rate: 0-50 l/h

Pressure: up to 20 bar

Max stroke rate: 200 spm

💧 Features:

Solenoid actuated PTFE diaphragm

Safe: leak free operation, no external moving parts

Robust, compact reliable design

Pump-head with manual priming system

IP 54 or IP 65 protection

Available with digital display and status leds

💧 Control Options:

Manual and digital adjustment

On/Off function

Standby function

Frequency regulation pulse/min, pulse/hour, pulse/day

1XN, 1/N, 1XN-M

4-20 mA, 20-4 mA

Redox 0-999

0-14 pH

💧 Materials:

Reinforced PP/PVC casing and head (optional PVDF)

PTFE diaphragm

Pyrex/Hastelloy C valves (optional PTFE)

Polycarbonate pump body



SOL

Total Control



OUR PRODUCTS

● Peristaltic Pump ELA series

● Performances:

Flow rate: up to 10 l/h

Pressure: up to 7 bar

● Features:

Power supply: 100-240 VAC / 24 VAC / 230 V

ON/OFF/PRIMING switch

Level input

Robust, compact reliable design

Available with digital display and status leds

Alarm-signalling buzzer

IP 65 protection

Triple system for dishwashing machine

● Control Options:

Flow rate speed adjusting trigger

Display and programming keys

Controlled by conductivity and time/speed

● Materials:

Reinforced PP box

Santoprene/Tygon/Silicon tube



ELA

Simple and Reliable



OUR PRODUCTS

● Accessories

Extensive portfolio of accessories for water treatment and dosing systems

- Relief and backpressure valves with fixed and adjustable settings up to 8 bar, S.S. 316L, PVC or PP made, threaded BSPF, UNI or ANSI flanged
- Foot valves with filter
- Safety valves PVC or S.S. 316L made, available also in ATEX execution, BSPF or NPT threaded, UNI DN 15 – DN 50 or ANSI ½" – 2" flanged, exotic materials if required
- High pressure safety valves
- Pulsation dampeners PVC, S.S. 316L or PVDF made, available also in ATEX execution
- Calibration pots
- Flow meters
- Mixers
- Tanks up to 1000 L capacity
- Level probes



SERVICES

- 💧 36 SOLUTION: 36 months warranty extension with spare kits
- 💧 60 SOLUTION: 60 months warranty extension with double spare kits
- 💧 SAFETY PUMP: Replacement pump immediately available for rent in case of major failure
- 💧 SPARE KITS: Individually purchasable and ready to use spare kits:
 - discharge valve kit pre-assembled;
 - suction valve kit pre-assembled;
 - diaphragm kit: including oil gaskets and oil;
 - start up kit: includes only parts subjected to wear, that is: ball valve, valve seat and gaskets
- 💧 PUMP FOR RENT: 36-60 months rent supply of a dosing pump, alternatively to purchase. Standard and special maintenance included
- 💧 SAFETY ASSISTANCE: On request our service will assist you on site for maintenance operations or for spare parts replacement.
- 💧 PUMPS ON STOCK: Our pumps closest to end-users everywhere in the world

"...Your pump arrived sooner than the quotation of your competitors"

Our tipicall costumer

APPLICATION FIELDS

● Main Markets for our Products

💧 Water and Waste Water Treatment:

Disinfection, flocculation, deodorizing, pH control, metal removal, anionic and cationic polymer dosing, slurry treatment, industrial laundries

💧 Desalinization:

Cleaning and maintenance of reverse osmosis membranes

💧 Fertigation:

Agriculture applications such as fractionation nitrogen fertilisation, fertilizer injection, water distribution and cleaning

💧 Pulp & Paper:

Biocides injection, antifoam injection, coagulation (polymer, alum sulfate), bleaching, pulp pH adjustment

💧 Air Treatment:

Injection of sodium hydroxide, injection of sulphuric acid, injection of bleach

💧 Animal Husbandry:

Potabilisation and post-weaning water treatment

💧 Wine Growing:

Sulphiting (dosing of liquid sulphur, potassium bisulphite or potassium metabisulphite), clarification (injection of bentonite), fermentation (injection of yeast), distillery (injection of soda lye), and cleaning in place (injection of sodium hydroxide and nitric acid)

💧 Other industries:

Biodiesel production, power stations, reagent preparation, plastic production, chemical & petrochemical, food industry, oil & gas, and confectionary.



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