



**s-meter®**  
Liquid Flow Meters




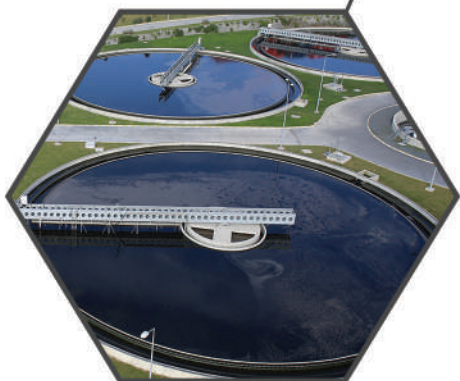
## LIQUID MEASUREMENT AND CONTROL EQUIPMENTS

Water Meters- Electromagnetic Flowmeters - PD. Rotary Flowmeters  
Heat Meter Systems- Digital Indicators and Control Units  
Automatic Filling Systems





  
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# S-METER AUTOMATION SYSTEMS LTD.

S-Meter, which has been operating in measurement and control systems for 30 years, is a company that has adopted the principle of providing the best service to its customers with its experience and experience in this field. Continuing its activities with a service approach based on customer satisfaction, S-Meter has become one of the most important actors in the sector.

Chemistry, medicine, cosmetics, paper, food, petrochemical etc. Measurement and control of many different types of liquids such as solvent, acid, oil, paint, processed waters used in industrial facilities are necessary for the improvement of production quality and production economy. It is very important that the selection of meters and flow meters to be used in the measurement is made correctly according to criteria such as liquid compatibility, environmental conditions and installation features.

Meters and flowmeters used in water applications constitute another part of the company's product portfolio. Water meters and flowmeters, which are widely used from potable water to waste water, are used in food, chemistry, paint, cosmetics, purification, municipalities, thermal energy, etc. are indispensable instruments of applications.

The sales principle of S-Meter is to offer the product that best suits the needs of the customer, with affordable costs and delivery terms. Turkey distributor of global brands assumed the S-Meter, some products are offered for sale with its own brand and is equipped with a wide range of products in stock in many models.

The most important feature that distinguishes S-Meter, which implements the ISO 9001: 2015 Quality Management System in order to provide quality service, is the after-sales service and calibration service it offers to its customers. Having a wide stock of spare parts available for almost every product, S-Meter has the technical infrastructure to test and calibration every product it repairs.



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**SAYAÇ MARKET**

**maddalena®**

**FLAMEC®**

**FLUIDWELL**

**Relay M-BUS SOLUTIONS**

**sgm lektra**

**APATOR POWOGAZ**

**ELETTA**  
FLOW MONITORS

**ZYIA**

**GPI**

**aqua metro**

**Flowsonic**

**max**

**LC LIQUID CONTROLS®**

**SONDAR**

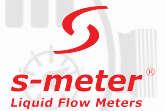
**PETROL**  
PETROL Instruments S.r.l.

# S-METER / CORIO-MASS

## Coriolis Mass Flowmeters



- High performance Coriolis mass flowmeters provide mass, density and volumetric flow measurement.
- It is used in a wide range of fields such as pharmaceutical, chemical, petrochemical, petroleum, gas, food industries and transfer applications.
- Wet parts can be SS316L or Hastelloy C.  
Body material SS304 or SS316 can be selected.
- Working pressure is 16, 25, 40 or 100 bar depending on models.
- The measurement accuracy is  $\pm 0.1\%$  -  $\pm 0.2\%$  for liquids and  $\pm 0.5\%$  for gases.
- Operating temperature is  $-300\text{ }^{\circ}\text{C}$  /  $+350\text{ }^{\circ}\text{C}$  depending on the applications.
- Mass flowmeters are produced in sizes from DN3 to DN250.
- Flowmeters with 4-20mA/pulse output have Modbus/optional HART protocols.
- Touchscreen LCD display.



# S-METER / S-MAG

## Electromagnetik Flowmeters



- Electromagnetic flow meters precise monitoring of liquids, maintenance-free devices used for filling, dosing and transfer.
- S-Mag flowmeters have a wide range of applications for measuring conductive liquids, from basic water applications to chemical liquids.
- Internal coating can be selected as PTFE or H.Rubber and electrodes SS 316L, Hastelloy C, Tantalum or Platinum.
- Available in sizes from DN8 to DN 2000.
- Available in 10, 16, 25, 40 and 63 bar pressure, temperature resistant up to  $150\text{ }^{\circ}\text{C}$
- It has 4-20mA, pulse and alarm outputs, Modbus and optional Hart protocols.
- The protection class of flowmeters is IP67 and optional IP68, there are local and remote display options and dosing models.



## FLOWSONIC

### Ultrasonic Flowmeters

- Transit time flowmeters, which can be used to measure clean liquids, use sound waves to determine the speed of liquids in pipelines.
- These flow meters can be used in demineralised and deionized waters, heating and cooling waters, calorimeter systems and other homogeneous liquids.
- These flow meters, which do not contain any moving parts, are maintenance free and have a long working life, are available with clamp-on (on-tube mounted) and In-line (sensor with threaded or flanged connections).
- Indicators of Clamp-on models can be wall type and mobile hand terminal. In-line models have models with wall type and local display.
- In-line models from DN25 to DN700 and clamp-on models can measure pipes in diameters from DN15 to DN6000.
- Modbus protocol is available for flowmeters with 4-20mA, pulse and alarm outputs.
- There are models suitable for 10, 16 and 25 bar pressure and 90 ° and 160 °C temperature.



**Flowsonic**

## FLMEC

### Turbine and Oval Gear Flowmeters

- Flomec turbine flowmeters are reliable and low cost instruments for the measurement of low viscosity liquids.
- Turbine meters have special models resistant to + 380 °C and 300 bar pressure.
- Flowmeters with sizes from DN15 to DN100 are available with flanges, threaded and tri clover connection options.
- Flomec oval gear flow meters are devices that can be used in all kinds of liquids, with high measurement accuracy and low pressure loss.
- Produced in sizes from DN6 to DN150, flowmeters have a wide range of applications in the petroleum, chemical and food industries.
- Oval gear flowmeters are produced with SS316, Aluminum or PPS body.
- Flomec flowmeters can be used in all types of industrial applications with models with 4-20mA and pulse output, Modbus protocol, local or remote display options and suitable for Ex-proof environments.



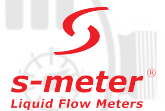
**FLMEC**



## ZYIA / S-METER

### Variable Area Flowmeters

- High technology is not always the most suitable solution. Rotameters used to measure the flow rate of liquids and gases can offer many advantages over more costly flowmeters.
- Rotameters with plastic, metal or glass tube models are used in water, wastewater, purification and filtration applications, chemical processing, food processing and irrigation systems.
- Flow meters produced in various models from DN4 to DN150 are also available with limit contact output and 4-20mA output.
- Connections of flow meters with varieties suitable for -80 ° to 200 °C and 40 Bar pressure can be threaded or threaded.



## S-METER / SM

### Türbine Flowmeters

- SM series turbine flowmeters are reliable devices that provide accurate measurement and low cost in low viscosity liquids.
- The oil, food, textile, paint, cosmetics and pharmaceutical industries are some of the application areas of flow meters.
- Produced with SS304 or SS316 bodies, SM series flow meters are available in sizes from DN6 to DN 250, resistant to 150 ° C and 63 Bar pressure.
- Flowmeters have pulse or 4-20mA output options, local and remote indicators and models suitable for ex-proof environments.



# LIQUID CONTROL

## P.D. Rotary Flowmeter

- LC - M series flowmeters are mostly used in high quantity fuel measurement applications such as terminal, rainer, ship, tanker, filling.
- With their diameters between 1.5" - 6", they can measure in capacities between 25 lt / min - 3300 lt / min,
- Because they have international MID approval, they can be used in commercial applications,
- Because of their special structure, they can measure liquids with viscosity between 1 cps - 1000000 cps,
- They have high measurement accuracy;  $\pm 0.2\%$  /  $\pm 0.1\%$
- Due to the system to be used, air separator, filter, printer, preset, air check valve, mechanical or digital display models are available.
- The most important feature of LC - MS series flowmeters is the spherical body made of cast steel, and the malfunction can be eliminated without disassembling the flowmeter from the pipeline.



## ELETTA

### Differential Pressure Flowmeters

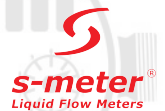
- Eletta flowmeters, working with the differential pressure principle, are generally used for water and oil measurement.
- S-Series mechanical pointer models are the most used model with 2 limit output switches.
- M Series usually only requires 4-20mA output. They are preferred in high pressure applications such as 10-25-50 bar,
- D series models are models with digital display and 4-20mA output.
- RH Series models are special models without display with HART protocol that can output 4-20mA.



## S-METER / SMV

### Vorteks Flowmeters

- Vortex Flowmeters are measurement devices with general measurement accuracy used for high temperature liquid, gas and steam measurement.
- Standard body material is SS 304, working temperature is  $-40^{\circ}\text{C}$  /  $+260^{\circ}\text{C}$  or  $-40$  /  $+320^{\circ}\text{C}$ .
- Accuracy rate is between  $\pm 1-1.5\%$ .
- Standard diameters are from DN25 to DN1800.
- The indicator is with LCD screen and the supply is 12 or 24 VDC.
- Signal Output options; pulse / 4-20mA / RS-485 or HART protocol.
- Compensation options can be temperature / pressure or both.



## MADDALENA

### Water Meters

- The Maddalena company is one of the oldest water meter manufacturers in Europe. Singlejet, Multijet and Ultrasonic model water meters are high quality, robust and reliable.
- MID approval meters used in drinking water are also the perfect choice for industrial applications.
- Turbine type models are produced between DN15-DN50 and Ultrasonic models between DN50 - DN200.
- Mechanical models R100 and R160, ultrasonic models have R500 measuring range.
- For industrial applications, reed or hall effect type pulser modules, M-Bus modules and pulse / m-bus converter modules are available.





# APATOR POWOGAZ

## Cold - Hot Water Meters

- Powogaz, one of the world's leading water meter manufacturers, produces a wide range of products from DN15 to DN300 with its single jet, Woltman, Irrigation and new ultrasonic models.
- Cold (50 ° C) and hot (130 ° C) water meters all have MID approval.
- Powogaz water meters are different from other brands with their quality, reliability and wide measurement range.
- For remote reading and automation applications of meters, reed and opto pulse output options, wired and wireless M-Bus options are available.
- With compact or separate electronic calculating units, It offers package solutions for calorimeter applications from DN15 to DN300.



## S-METER

### Cold - Hot Water Meters

- S-Meter water meters have wide usage areas in municipalities, organized industrial zones and all kinds of industrial facilities.
- All S-Meter Multi-jet, Woltman and Agricultural irrigation meters have a MID certificate.
- Multijet models from DN15 to DN50 are used in low flow domestic use and industrial automation applications. The woltman models from DN40 to DN500 are for use in municipal applications, industrial control and automation applications in large-scale water lines.
- Agricultural meters between Dn50 and DN300 have been developed for irrigation applications and batch models between DN15 and DN50 have been developed for filling control applications.
- S-Meter has been a brand preferred by users thanks to its water meters, quality, affordable prices and after-sales service.

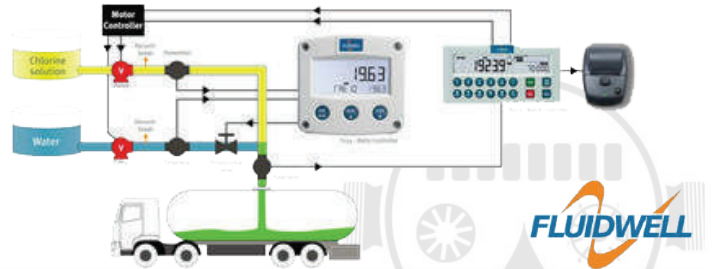


## FLUIDWELL

### Digital Indicators and Control Units



- Flow indicators, collectors and flow computers are the main subject of the Fluidwell company and have extensive knowledge and experience in this regard.
- Fluidwell for various industrial applications such as hazardous areas, oil industry, offshore, hydrogen, food, wastewater, chemicals, marine offers perfect solutions.
- Featuring product series such as the intrinsically safe F-Series, panel-mounted D-Series or explosion-proof E-Series, Fluidwell has hundreds of product models in 6 separate series.
- Fluidwell, which is the display supplier of tens of flowmeter manufacturers worldwide, has international product and organization certificates such as ISO9001, ATEX, IECEx, FM, CSA and CE.



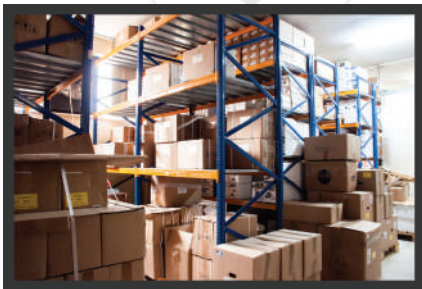
### DELIVERY FROM STOCK AND TECHNICAL SUPPORT

- Because of the product range we have in liquid measurement, we are able to offer our customers the most suitable device they need with the most favorable conditions and mostly from stock.
- Customer satisfaction and quality are essential for us. We do not offer any product that we are not sure will be used by our customer as well as we do not sell any poor quality product. We try to help our customers by doing a preliminary study if necessary.

### SERVICE, TEST AND CALIBRATION

- Our large spare parts stock,
- Our knowledgeable and experienced technical staff,
- Thanks to our test and calibration systems, we perform maintenance, repair, test and calibration processes in the shortest time and in the best way.

Service is extremely important, especially for measuring devices that require expertise and cannot be maintained anywhere. Fast and high quality service is a great advantage for our customers.



NOTES

Lined area for taking notes.





# ***s-meter®***

## ***Liquid Flow Meters***

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