

Dalian Zero Instrument Technology Co., Ltd China has emerged as a well-known importer, exporter and supplier engaged in offering a varied range of products.



Electromagnetic Flow
Meter

Radar Level Meter

Full Digital Portable
Ultrasound Scanner

Target Flow Meter

Handheld Ultrasonic
Flow Meter

Variable Area Flow Meter

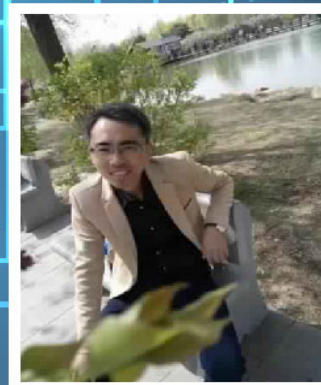
Mass Flow Meter

Vortex Flow Meter

Paperless Recorder

Liquid Turbine Flow Meter

By working under the able guidance of a trusted leader, Mr. Michael Sun, the Sales Manager of the company, Dalian Zero Instrument Technology Co., Ltd China has attained a unique market standing. The company is based in Dalian, Liaoning Province, China and was incepted in the year 2005.



VENDOR BASE :

The main reason that has helped us to attain a market leading position is the support from the most credible vendors working in the industry. These vendors were chosen after deep market analysis to gain clarity on their competence level.

CLIENT SATISFACTION :

The ultimate objective with which we work is to attain maximum client satisfaction. The client servicing agents' work in a coordinated manner to gain clarity on the specific client needs and work in a sincere manner to fulfill the same professionally.

WHY US?

There are many others working in the similar domains like ours, but we have attained a trusted market standing owing to the factors listed below:

- No compromise on quality
- Tailored product offering
- Support from credible vendors
- Unique product variety
- Competitive pricing

NAME OF SALES MANAGER
YEAR OF ESTABLISHMENT
NATURE OF BUSINESS
NUMBER OF EMPLOYEES

MR. MICHAEL SUN
2005
IMPORTER,
EXPORTER & SUPPLIER
50

Our Products



Electromagnetic Flow Meter



Electromagnetic Flow Meter

Electromagnetic flowmeter is composed of sensor and converter. It has two forms : compact-type and remote-type. The remote-type also needs a special double-layer shielded cable to connect the converter and the sensor. There are seven kinds of electrode materials and four kinds of lining materials available for sensor. Features measurement is not affected by the variation of flow density, viscosity, temperature, pressure and conductivity. High accuracy measurement is guaranteed according to the linear measurement principle. No obstacle in the pipe, no pressure-loss and lower requirement for straight pipeline. DN 6 to DN2000 covers a wide range of pipe size. A variety of liners and electrodes are available to satisfy different flow characteristic. Programmable low frequency square wave field excitation, improving measurement stability and reducing power consumption. Implementing 16 bits MCU, providing high integration and accuracy; Full-digital processing, high noise resistance and reliable measurement; Flow measurement range up to 1500 -1. High definition LCD display with backlight. RS485 or RS232 interface supports digital communication. Intelligent empty pipe detection and electrodes resistance measurement diagnosing empty pipe and electrodes contamination accurately. SMD component and surface mount technology (SMT) are implemented to improve the reliability.

Specifications

Material	Carbon steel,SS304,SS316,SS31
Liner	Rubber,polyurethane,PTFE,FEP,Tefl
Electrode	SS316L,HB,HC,Ti,Ta,Pt
Power Supply	220V AC,24VDC,12VDC,battery
Measuring Range	3~3000mm
Communication	RS-485,HART

Additional Information

Product Code

ZERO100E

Full Digital Portable Ultrasound Scanner



Full Digital Portable Ultrasound Scanner

First-class digital imaging technology :

- Full-digital beam image formation technology
- Double inserted probe identifies automatically
- Generating clinical report automatically
- The whole dynamic receiving focusing
- High –precision digital scan conversion DSC
- Intelligentized TGC gain control of the whole paragraph.
- Advanced technology to ensure that the SMT placement machine reliability

Specifications

Type	Full Digital
Input/output Ports	VGA, USB port, DICOM port(network port)
Scanning Depth	Up to 300mm
Vascular	Senosis D, Senosis A, Lt/Rt VVA, Lt/Rt Rulb, Lt/Rt ICA
Body Mark	Abdominal , Gynecology, Obstetrics, Small parts
Image Storage Format	BMP,JPEG,PNG
Urology Packages	Left/right kidney measurement, Volume, Cortex

Additional Information

Product Code

ZERO3101A

Handheld Ultrasonic Flow Meter



Handheld Ultrasonic Flow Meter

The hand held flow meter is a battery-powered ultrasonic flow meter with the capability of a full-size flow meter. It is carefully designed for portability and ease of use.

The hand held flow meter is based on clamp-on transit-time flow measurement principle. It measures the flow rate of liquid in a pipe from outside of the pipe by using a pair of ultrasonic transducers. In general, the liquid should be full in the pipe, and should contain very little particles or bubbles. Examples of applicable liquids are: water (hot water, chill water, city water, sea water, etc.); sewage; oil (crude oil, lubricating oil, diesel oil, fuel oil, etc.); chemicals (alcohol, acids, etc.); waste; beverage and liquid food, solvents and other liquids.

Specifications

Measuring Principle.	Transit Time Difference
Accuracy	1.0%
Medium	Slurry,water etc
Material	Aluminum/ABS/Stainless steel
Power Supply	Battery
Connection	Clamp

Additional Information

Product Code	ZERO100HU
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Mass Flow Meter



ZERO100M Digital Mass Flow Meters patented and developed by our company (Chinese Patent No. 03119685.3, 03149996.1) are the leading meters for precision flow measurement. And with good reason, the meters offer the most accurate measurement available for virtually any process fluid, while exhibiting exceptionally low pressure drop. The meters offer direct mass flow, volume flow, density, and temperature measurement of liquids and slurries — without the need for additional equipment, manual calculations, or estimations.

Specifications

Minimum Measuring Range	0-1kg/h
Measuring Theory	Coriolis Force
Explosion Proof Certificate	EXdibIICT5 Gb
Medium Temperature	-300~350
Accuracy	±0.2/±0.1 optional
Flow Rate Measurement Accuracy	± 0.2% ,± 0.1% optional

Paperless Recorder



Unlike conventional record that record data on charts, the Instrument displays the measured data acquired in the internal memory to a LCD in the form of wave forms, numerical values, and bar graphs. The measured data can also be saved to external storage media such as U Disk. The data that have been saved to an external storage medium can be displayed on a PC using the standard software that comes with the package. By using the RS232C or RS485 interface that comes standard with the Instrument, the data can be transferred to a PC (client function).

Specifications

Accuracy	$\pm 0.2\%FS$
Communication	RS-485 or RS-232
Power Supply	176VAC-264VAC
Channel	1-18 (optional)
Output	1-4 alarm output(optional)
Recorder	1s/2s/5s/10s/15s/30s/1m/2m/4

Additional Information

Product Code

KT800

Radar Level Meter



This series of radar level meter adopted 26G high frequency radar sensor, the maximum measurement range can reach up to 70 meters. Antenna is optimized further processing, the new fast microprocessors have higher speed and efficiency can be done signal analysis, the instrumentation can be used for reactor, solid silo and very complex measurement environment.

Specifications

Display	LCD Display
Medium	Liquid;Solid;Dust
Output	4~20mA;HART;MODBUS;RS485
Frequency	6.8GHz;26GHz
Temperature	-40~70℃
Power Supply	DC24V

Target Flow Meter



Based on the measurement theory of flow meter, ZERO instrument developed a series of novel pressure influence target mode flow meters which utilize the mode sensor and computer technology. They have not only immovable characteristics such as of the Target Flow meter, Hole Board Flow meter and Turbine Flow meter, but also measure accuracy comparable to Cub age Flow meter. Since their characteristic of anti-interfere, anti-impurity, portability and reliability, they have been widely used in many fields of petroleum, chemical industry, energy, foodstuff, environment protection, water conservancy and so on. The flow meters are applicable to the following ranges,

Specifications

Output	LCD Display, And 4~20mA, 0~10
Diameter	Φ15 to Φ2000 mm or bigger
High And Low Temperature	196 to + 450
Medium Temperature	-196~+450 (Confirm the tem
Power Supply	3.6V lithium battery, 24V DC
Material Of Tube	Carbon Steel;304;316L etc.

Additional Information

Product Code

ZERO100TF

Variable Area Flow Meter



Variable Area Flow Meter

The metal tube rotometer flowmeter is a kind of variable area flow quantity measuring instrument. It has such features as small volume, large detection range and convenient operation. It is especially suitable to measure flow quantity of media with small flow velocity and small flow quantity. Intelligentized metal tube rotameters have field indication type and intelligentized remote transmission type. So it provides the customers with very wide selection spaces. In addition, advanced 16 bits micro processor and high quality industrialized components are adopted in the instrument, which ensures excellent performances of the flowmeter in various kinds of application situations.

Specifications

Power Supply	24V DC,240VAC
Medium Temperature	-20°C - +160 °C
Connection	Flange, Clamp on, Thread
Accuracy	+/-0.2% (Customize), +/-0.5% (Standard)
Material	SS304, Hastelloy, Ti, PTFE
Output	0-10mA,4- 20 mA
Nominal Pressure	1.6 Mpa ,2.5Mpa ,4.0Mpa ,6.3 Mpa

Additional Information

Product Code	ZERO100VA
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Vortex Flow Meter



Customized vortex flowmeter ZERO100VX series are designed for measuring the volume/mass flow of liquids, gases and steam based on Karman vortex principle.-

Adopting advanced differential algorithm along with measurement of isolation, shielding and wave filtering, ZERO100VX series vortex flow meters have the advantages of immunity on vibration and noise. Meanwhile, the reliabilities of ZERO100VX series vortex flow meters are well guaranteed by unique sensor packaging technology. Upon receipt, examine your meter for visible damage. The vortex flowmeter is a precision measuring instrument and should be handled carefully. Remove the protective plugs and caps for a thorough inspection. If any items are damaged or missing, contact us.

Specifications

Accuracy	1.5%
Relative Humidity	5% ~ 90%
Wide Operating Temperature Range	-40 ℃ to 350 ℃
Ambient Temperature	-40℃ ~ +60℃
Measuring Medium	Liquid
Power Supply	24VDC
Protection Class	IP65

Additional Information

Product Code	ZERO100VX
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Liquid Turbine Flow



Liquid flows through the turbine housing causing an internal rotor to spin. As the rotor spins, an electrical signal is generated in the pickup coil. This signal is converted into engineering units (liters, cubic meters, gallons etc.) on the local display where is applicable. Optional accessory modules can be used to export the signal to other equipment. Upon receipt, examine your meter for visible damage. The turbine is a precision measuring instrument and should be handled carefully. Remove the protective plugs and caps for a thorough inspection. If any items are damaged or missing, contact us.

Specifications

Power Supply	+24V DC
Accuracy	±0.5%; ±1.0%
Signal Output	4~20mA Current Output
Ambient Temperature	0 °C ~ 120 °C
Medium Temperature	-20 to +120 Degree C
Transmission Distance	No more than 1000 m

Additional Information

Product Code

ZERO100TB

Contact Us



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