

II. FLUJO

CATALOGO

INSTRUMENTACION INDUSTRIAL



- Flujómetro Electromagnético
- Flujómetro Ultrasónico
- Flujómetro de Turbina
- Flujómetro Vortex
- Rotámetros
- Switch de flujo



Flujómetros Electromagnéticos



Electromagnetic Flowmeter

NAME: Integrate Type Electromagnetic Flowmeter

MODEL: MLD1A

- HD LCD Backlit Display
- 0.2%, 0.5%, 1.0% Accuracy
- Tri-Electrodes Installed
- 100% Unibody Red Coil
- Carbon Steel, SUS304 & 316L
- 4-20mA, Pulse, RS485, HART
- New Designed Connection Flange



Electromagnetic Flowmeter

NAME: Sanitary Tri-Clamp Electromagnetic Flowmeter

MODEL: MLD4A

- SUS316L Body Material
- Tri-Clamp Fast Install Tech
- 0.2%, 0.5%, 1.0% Accuracy
- Compact design & Easy cleaning
- 100% Unibody Red Coil
- 4-20mA, Pulse, RS485, HART
- Suitable For Edible Liquid



Electromagnetic Flowmeter

NAME: Clamp Type Electromagnetic Flowmeter

MODEL: MLD1B

- Compact Body Design
- High installation concentricity
- 0.2%, 0.5%, 1.0% Accuracy
- Tri-Electrodes Installed
- 100% Unibody Red Coil
- 4-20mA, Pulse, RS485, HART
- Carbon Steel, SUS304 & 316L
- New Designed Connection Flange

Flujómetros Electromagnéticos



Electromagnetic Flowmeter

NAME: Remote Type Electromagnetic Flowmeter

MODEL: MLD2A

- Remote Flow Data Display
- 0.2%, 0.5%, 1.0% Accuracy
- Tri-Electrodes Installed
- 100% Unibody Red Coil
- Carbon Steel, SUS304 & 316L
- Signal Cable Length Customizable



Electromagnetic Flowmeter

NAME: Battery Powered Electromagnetic Flowmeter

MODEL: MLD1D

- 3-5 Yrs Ultra Battery Life Power Supply
- Low Power Consumption
- 0.5%, 1.0% Stable Accuracy
- Tri-Electrodes Installed
- 100% Unibody Red Coil
- Support RS485, GPRS, Flow Data Monitor
- SUS304 & SUS316L Body Material



Electromagnetic Flowmeter

NAME: Insertion Type Electromagnetic Flowmeter

MODEL: MLD6A

- Quick Install & Remove
- Suitable for Pipeline $\geq$ DN200
- All SUS304 & 316L Electrical Interface
- Pressure Resistance Up to 2.5Mpa
- 4-20mA, Pulse, RS485, HART
- Support 220V AC & 24V DC
- Support Remote Type Display

Flujómetros Electromagnéticos



Electromagnetic Flowmeter

NAME: High Pressure Type Electromagnetic Flowmeter

MODEL: MLD-HP1A

- High Pressure Resistance Up to 42MPa
- Various Display Flow Data
- Anti-Surge & Anti-Interference Circuit Design
- Adhesive Smooth Pure Copper Coil Wire
- Fully Enclosed Isolation Sensor
- Multiple Power Supply & Output Signals
- Various International Units Display



Electromagnetic Flowmeter

NAME: Pipe Partially Filled Electromagnetic Flowmeter

MODEL: MLD-PF1A

- For flow measurement of partially filled pipes (round pipes, rectangular pipes)
- Can be used for continuous metering in municipal rainwater, wastewater, sewage discharge and irrigation water pipelines and other places
- Forward and reverse bidirectional flow measurement
- 4-20mA, Pulse, RS485, RS232, HART
Not affected by downstream, tributary stagnation, blockage and other factors
- Sensors can work for a long time in harsh field and sewage water quality
- Can display instantaneous flow, flow rate, cumulative flow, liquid level and other data



Electromagnetic Flowmeter

NAME: Open Channel Flowmeter

MODEL: MLDC-1A

- Wide compatibility, all standard channels can be applied
- Reliable stability, long-term online measurement, maintenance-free
- Parameters such as partial blind area support manual modification, which can shield nearby interference sources
- The sensor has a built-in temperature sensor to realize real-time temperature compensation of the measured value, and the measurement is more accurate
- Support a variety of signal output (485, relay, 4-20mA)

Flujómetros Vortex



Vortex Flowmeter

NAME: Vortex Flowmeter

MODEL: LUGB-1A

- Ultra-low Power Consumption Chip Adopted
- High Accuracy Up to 0.5%R
- Simple Structure. No Moving & Wearing Parts.
- Support Temperature & Pressure Data Fixing for Nominal Value
- All SUS304 & 316L material. Great Anti-Corrosive Performance
- Intelligent LCD Display. Can Display Instantaneous Flow & Cumulative Flow Velocity
- Multiple Installation Types. Suitable for All Type Pipes



Vortex Flowmeter

NAME: Vortex Flowmeter with Temperature and Pressure Data Fixing

MODEL: LUGB-1Z

- Online temperature, pressure data fixing, artificial fixed value density revise
- Suitable for application of steam, saturated steam, overheated steam, and normal gas measurement.
- Ultra-low Power Consumption Chip Adopted
- Simple Structure. No Moving & Wearing Parts.
- Flow signals can be transferred over long distances, and can be networked with computers to achieve centralized management
- All SUS304 & 316L material. Great Anti-Corrosive Performance
- Multiple Installation Types. Suitable for All Type Pipes

Flujómetros tipo Turbina



Turbine Flowmeter

NAME: Liquid Turbine Flowmeter

MODEL: MLWGY

- Converter can be 180° rotated
- Multiple power supply modes
- Upgrade high quality impeller, more stable and anti-clogging
- Various Display Units, kg, m³, ton, liter, gallon, etc.
- Excellent Repeatability 0.05% ~ 0.2%
- Suitable for application of blending/batching as well as storage and off-loading, etc.
- Excellent forging process with high wear resistance & high pressure application.



Turbine Flowmeter

NAME: Gas Turbine Flowmeter

MODEL: MLWGQ

- Tiny gas flow can be measured
- Small pressure loss with great anti-vibration and anti-pulsation flow performance.
- Upgrade high quality impeller, more stable and anti-clogging
- Various Display Units, kg, m³, ton, liter, gallon, etc.
- Temperature, pressure and flow of the measured gas can be detected, and can automatically track and fix the flow data.
- Using advanced micro-power high-tech, low power consumption.
- Excellent forging process with intelligent led display, can check temperature, pressure, flow, time, date and other data in real time.

Flujómetros Masico



Mass Flowmeter

NAME: Thermal Gas Mass Flowmeter

MODEL: TMGF-1A

- Easy Installation and Maintenance
- Bluetooth Transmission Function Support. Can be operated through mobile phone App.
- Equipped with Modbus Communication, remote monitoring.
- Wide range ratio, wide measurement flow rate range.
- No internal moving parts, no pressure loss.
- Gas mass flow can be measured without temperature and pressure compensation
- Fully isolated electrical structure thoroughly filters out external interference.



Mass Flowmeter

NAME: Coriolis Mass Flowmeter

MODEL: CMF-1A

- High mass accuracy, measurement error better than $\pm 0.1\%$
- High density accuracy, measurement error better than $\pm 0.0005\text{g/cm}^3$
- High temperature accuracy, measurement error better than $\pm 0.2^\circ\text{C}$
- Good zero point stability to ensure long-term stable operation
- Fast response time, suitable for small batches, short filling times
- Wide turndown ratio, the turndown ratio can reach 20:1
- Long service life, product design service life is 10 years
- Has more built-in alert features

Flujómetro Ultrasonico



Ultrasonic Flowmeter

NAME: Ultrasonic Flowmeter

MODEL: MFLO-2000H

- Up to $\pm 1\%$ High Accuracy Measurement
- Light Weight and compact design
- Non-Intrusive Measure. Clamp-On transducer, no pressure drop and no pipe cutting.
- Multiple transducer types for wide measuring range, from DN15mm to DN6000mm. 4-20mA, Pulse, RS485, HART
- Large LCD Display. Display instantaneous flow, cumulative flow (positive, negative, net), velocity, working status etc.
- Built-in 24K Data Logger, store over 2000 lines measuring data.
- Compatible with all pipe material. Cast Iron, Glass Pipe, Anticorrosion Pipe, or Stainless Steel Pipe.



Ultrasonic Flowmeter

NAME: Ultrasonic Flowmeter

MODEL: MFLO-2000

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- Light Weight and compact design
- Non-Intrusive Measure. Clamp-On transducer, no pressure drop and no pipe cutting.
- Multiple transducer types for wide measuring range, from DN15mm to DN6000mm. 4-20mA, Pulse, RS485, HART
- Large LCD Display. Display instantaneous flow, cumulative flow (positive, negative, net), velocity, working status etc.
- Built-in 24K Data Logger, store over 2000 lines measuring data.
- Compatible with all pipe material. Cast Iron, Glass Pipe, Anti-corrosion Pipe, or Stainless Steel Pipe.