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PRODUCT

Fluids Measurement
Expert



Every Little Helps

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Every Little Helps



Why chose ELH ?

- Customer is the first priority.
- A truly friend of many customers.
- Quickly fulfill to customer requirement.
- Reliable partners of many leading brands in the market.

What we do ?

- Focus on spare part and replacement segment.
- Consulting new automation application.
- Upgrading and improving production lines.

**ELH SERVICE
TECHNOLOGY
TRADING Co.,LTD**

Hotline: 0915 706 936 | 0948 313 217 | 028 220 33166



DISTRIBUTOR CERTIFICATE

CERTIFICATE of authorized distributor

Kaifeng Meihe Automation Instrument Co., Ltd. is a comprehensive and professional flow instruments manufacturer, located in No.5 Shenzhen Avenue, Xiangfu District, Kaifeng, Henan, China, here by confirms that:

ELH SERVICE TECHNOLOGY TRADING COMPANY LIMITED

No 24, Nguyen Thi Can Str, Tan Thoi Hiep Ward,
Ho chi minh city, VIETNAM.
VAT - 0316636602
Phone : 84 28 915706936 E-Mail :sales@elh.vn / info@elh.vn

Is authorized to distribute our products in Ho Chi Minh City, Vietnam
From June 13th 2025 to June 13th 2028.

Date 2025.6.17



QUALITY CERTIFICATE

Supplier's Declaration of Conformity

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Product Name: Flow meter

Trade Mark: MH

Model No.: MHLG, MHLUGB, MHLUGQ, MHLWQ, MHLZZ, MHUF, MHMF, MHGB, MH-LGV, MH-LGP

FCC Compliance Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference; and
(2) This device must accept any interference received, including interference that may cause undesired operation.

The test result has been evaluated by Shenzhen CTB Testing Technology Co., Ltd. (AZLA Certificate No. 5500.D1) laboratory and showed in the test report.
Report number: CTRB20190200E

It is understood that each unit marketed is identical to the device as tested, and any changes to the device that could adversely effect the emission characteristics will require retest.

47 CFR § 2.909 Responsible Party – U.S. Contact Information

Corporation:
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Signature:  Date: April 25, 2022

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Suzhou Zhanbo Testing Technology Services Co., Ltd.
Add Floor: Room 2617-2, Building 5, Wanhu Garden, No. 218 Qinglong North Road,
Zhouzhuang Town, Kunshan City, Jiangsu Province, China
Tel: 400-089-811



FCC

CE

Throttling Device
Patent



Vortex Flowmeter
Patent

Ultrasonic Flowmeter
Patent

Ultrasonic Heat Meter
Patent



ISO9001:2005



RoHs



ISO45001:2018



Magnetic Flowmeter Patent



Magnetic water meter Patent



Magnetic water meter Patent



Vortex Flowmeter
Explosion-Proof



Magnetic Flowmeter
Explosion-Proof



Flow Instrument Industry
Access Certificate



National High-Tech
Enterprise



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Electromagnetic Flowmeter

Remove type / Integrate type



Electromagnetic Flowmeter

NAME: Integrate Type Electromagnetic Flowmeter

MODEL: MLDIA

- 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



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

Remove type / Integrate type



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: Insertion Type Electromagnetic Flowmeter

MODEL: MLD6A

- Quick Install & Remove
- Suitable for Pipeline ≥ 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



Electromagnetic

Remove type / Integrate type



Electromagnetic Flowmeter

NAME: High Pressure Type Electromagnetic Flowmeter

MODEL: MLD-HPIA

- 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-PFIA

- 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)

Vortex Flowmeter



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.

Flowmeter



Ultrasonic Flowmeter

NAME: Ultrasonic Flowmeter

MODEL: MFLO-2000

- 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, Anti-corrosion Pipe, or Stainless Steel Pipe.

AI

RENDER

Turbine Flowmeter

Gas type / Liquid type



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.



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.

Ultrasonic



Ultrasonic Flowmeter

NAME: Ultrasonic Flowmeter**MODEL: MFLO-2000H**

- Up to ±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.



Throttling Flowmeter

Standard Venturi Tube / Standard Orifice Plate



Throttling Device

NAME: Standard Venturi Tube

MODEL: LWG-1C

- Simple structure, durable and stable performance.
- The pressure loss is small, saving the energy required for fluid transportation.
- In the range of diameter 50~1200, no real flow calibration is required. Beyond this range, you can refer to the design and manufacture.
- When higher accuracy is required, real-flow calibration can be performed.
- The installation dimension of the body is long, which is not convenient for transportation and installation for large-diameter instruments.



Throttling Device

NAME: Standard Orifice Plate Flowmeter

MODEL: LGB-1A

- Measure general fluids, and also suitable for liquid contains various impurities (such as dust, suspension, precipitation, etc.), such as gas hot air, flue gas, natural gas, cooling circulating water, etc.
- When measuring saturated steam superheated steam, it can avoid the accumulation of condensed water formed by stopping the steam. When the steam is sent again, it will quickly enter the accurate measurement.
- The other section of the instrument body has a straight measuring tube, and the errors of on-site installation (such as eccentricity, the sealing gasket extending into the pipe) has little effect on the instrument measurement.
- Equipped with "Pressure Equalizing Ring", even if the length of the straight pipe section is not enough, it can still measure accurately. has little effect on the instrument measurement.
- "Jacket insulation" structure, suitable for fluids that are easy

Throttling

Standard Venturi Tube / Standard Orifice Plate



Throttling Device

NAME: Integrated (orifice plate, annular orifice plate, nozzle) flowmeter

MODEL: LGP-1A

- Small pressure loss, saving energy
- Sturdy and durable, suitable for high temperature and high pressure fluids
- Widely used in steam flow measurement in electric power, chemical and other industries.
- No real flow calibration is required, and the accuracy is moderate.
- The accessories are complete, which can be designed and calculated for the user.
- It can be equipped with a differential pressure transmitter to realize temperature, pressure compensation or field bus communication.



Throttling Device

NAME: Balanced Flow Meter

MODEL: LGB-1B

- The accuracy of the sensor can reach $\pm 0.3\%$, $\pm 0.5\%$, which is suitable for trade metering occasions.
- The balanced flow sensor can balance the flow field, adjust it stably, and the pressure recovery is twice as fast as that of the traditional throttling device.
- In most cases, the straight pipe section can be as small as $0.5D \sim 2D$.
- The symmetrical balance design of the balanced flow meter reduces the formation of vortices and turbulent friction, reduces the loss of kinetic energy
- The conventional measurement range ratio of 10:1, choose the appropriate parameters can achieve 30:1 or higher.
- The balanced flow sensor can balance and stabilize the flow field, which greatly improves the repeatability, which can reach $\pm 0.1\%$.



Throttling Device

NAME: V-Cone Flowmeter:

MODEL: LGV-1A

- The upstream and downstream straight pipe sections are required to be short: the shortest length of the upstream straight pipe section is 3D, (3D is required for installation downstream of the valve), and the shortest length of the downstream straight pipe section is $\leq 3D$;
- High accuracy, up to $+0.5\%$; repeatability down to 0.1% ; turndown ratio up to 15:1;
- Dirt resistance and small pressure loss;
- With flow adjustment and mixing effect on fluid;
- Easy installation, maintenance-free or small workload.



Mass Flowmeter

Thermal Gas / Coriolis

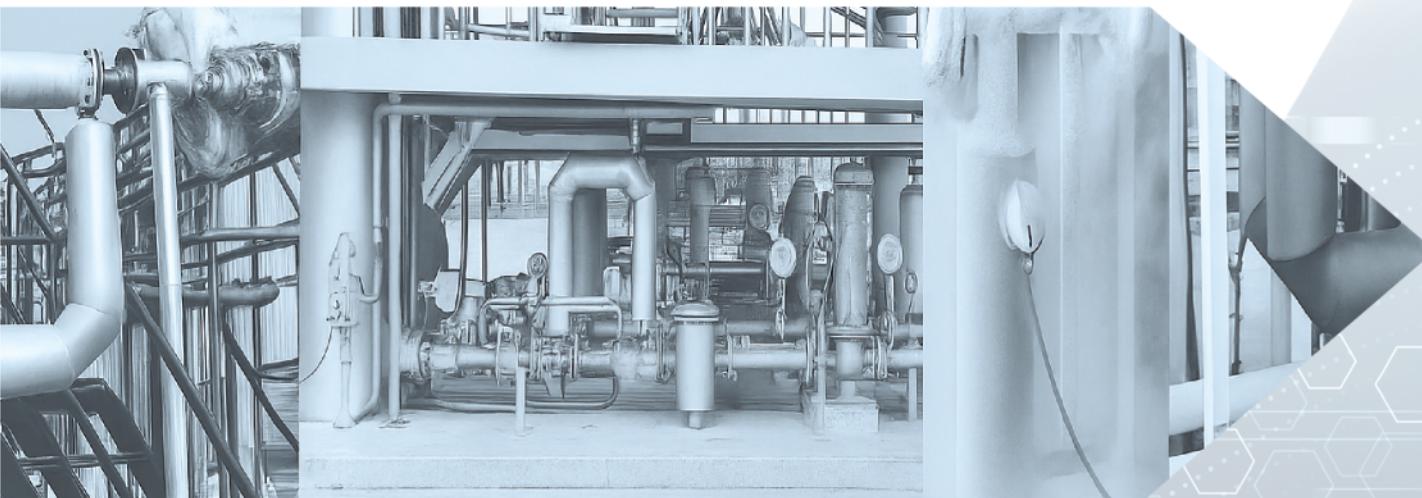


Mass Flowmeter

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



ELH Service

MAIN SERVICES OF ELH INCLUDE:



INDUSTRIALIZATION 4.0:

- By bringing new technological devices combined with integrated control software solutions to customers, we contribute to accelerating the Industrialization 4.0 process in line with modern trends.

AUTOMATION EQUIPMENT SUPPLY:

- We collaborate with the world's leading reputable suppliers in the automation field to provide customers with high-quality, diverse, and efficient products for various applications.

INSTALLATION AT SITE:

- Install flow measurement devices at the customer's plant according to specific requirements, upgrade or implement a turnkey project.

TECHNICAL SERVICES:

- We focus on maintenance, repair, and upgrading of customers' existing equipment systems, solving issues from the smallest problems to major technical challenges.



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