

MULTI-CHANNEL ULTRASONIC FLOW METER

Measuring Conductive Liquid and Non-conductive Liquid



Multiple channels

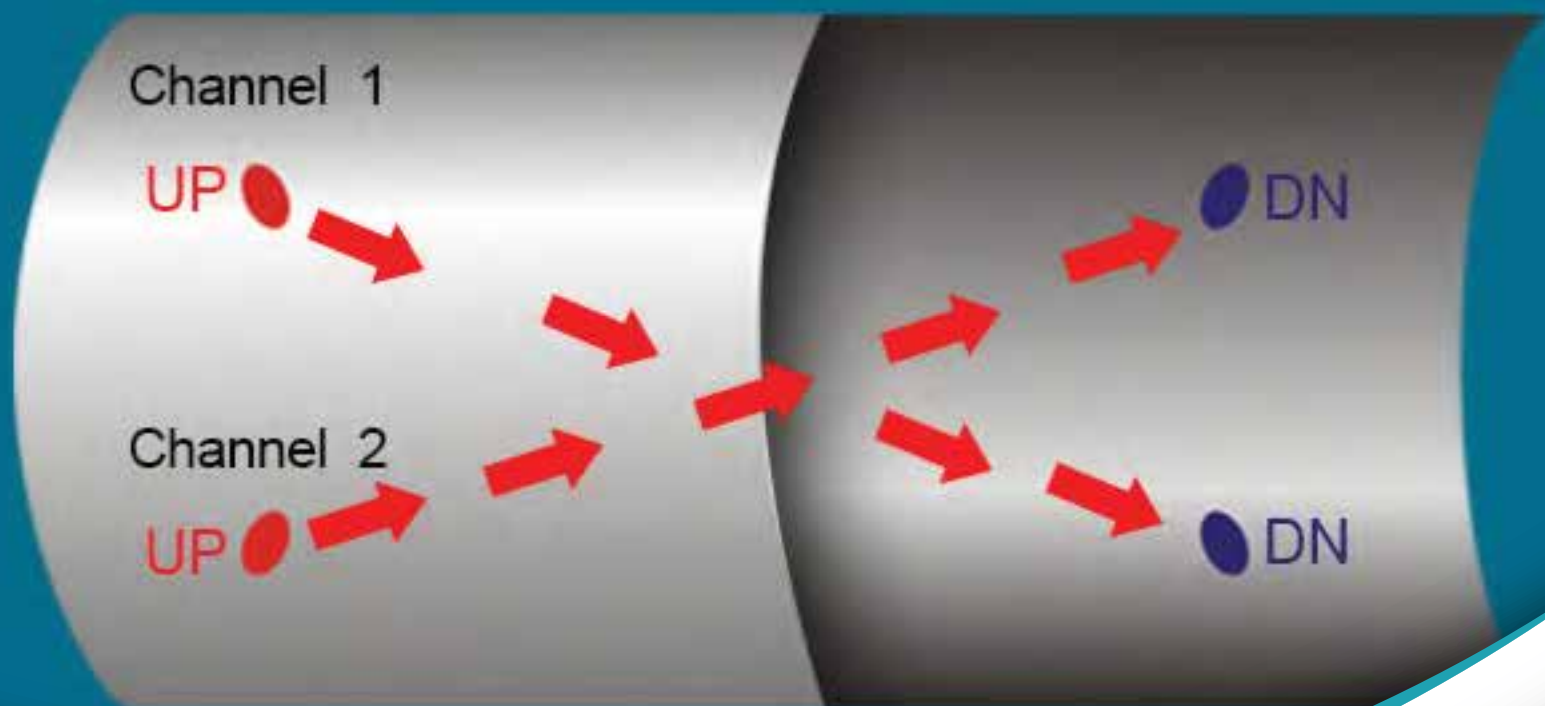
$\pm 1.0\%$
accuracy

Bi-directional flow measurement

PRODUCT BRIEF

Multi-channel ultrasonic flow meter is suitable for continuously measuring flow and heat of clean and uniform liquids without large concentration particles or gases under industrial environment.

Support single channel and multi-channel at the same time, when one of channel is abnormal, it can automatically switch to single channel to working.



APPLICATION

Multi-channel Ultrasonic Flow Meter be Widely Used in Process Control, Production Measurement, Trade Settlement



PRODUCT FEATURE

01 Multiple Channels Measurement Measuring Precise

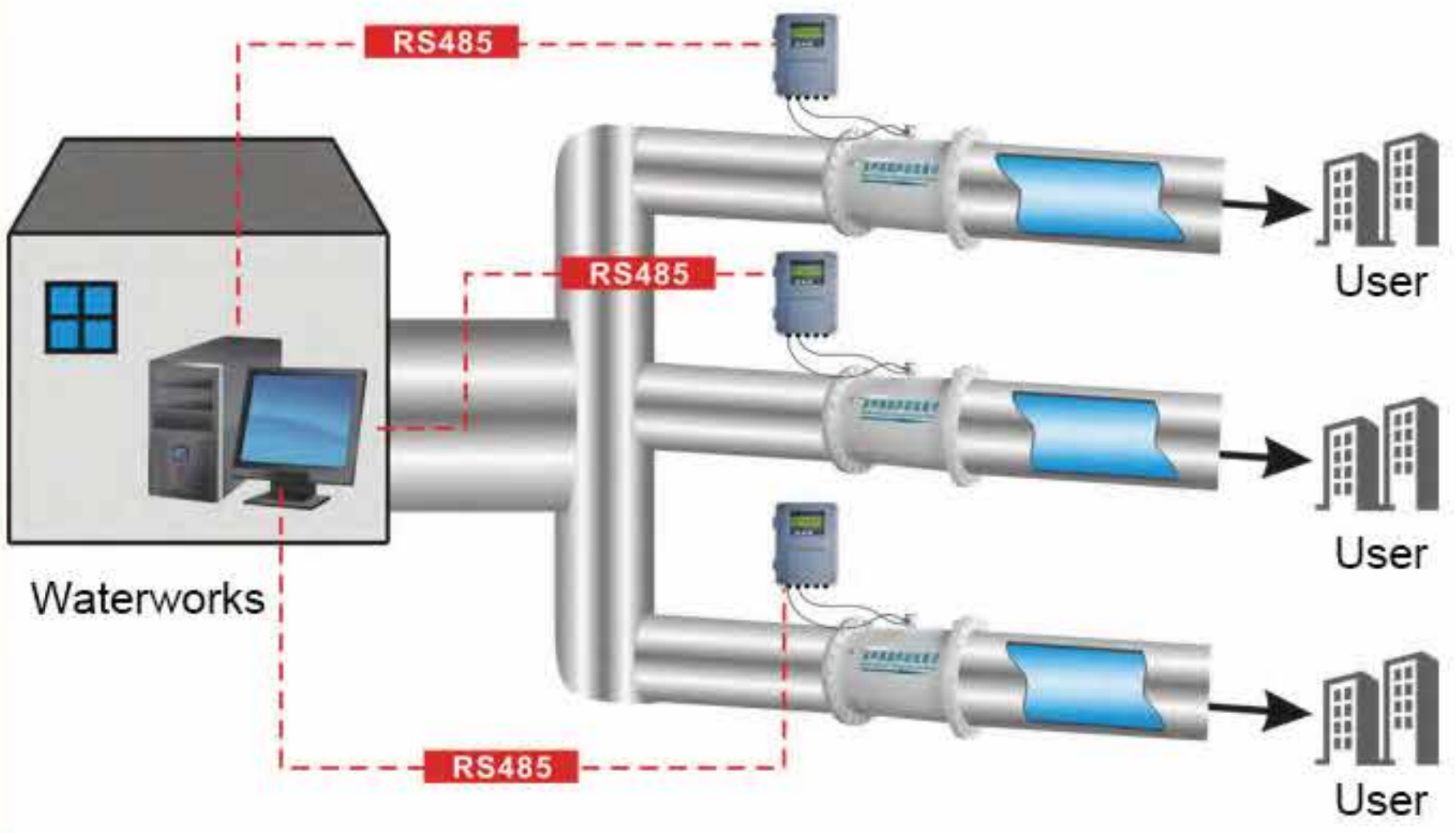


Large Measuring Surface More Ultrasonic Wave Reflection
±1.0% Accuracy



Trade Settlement

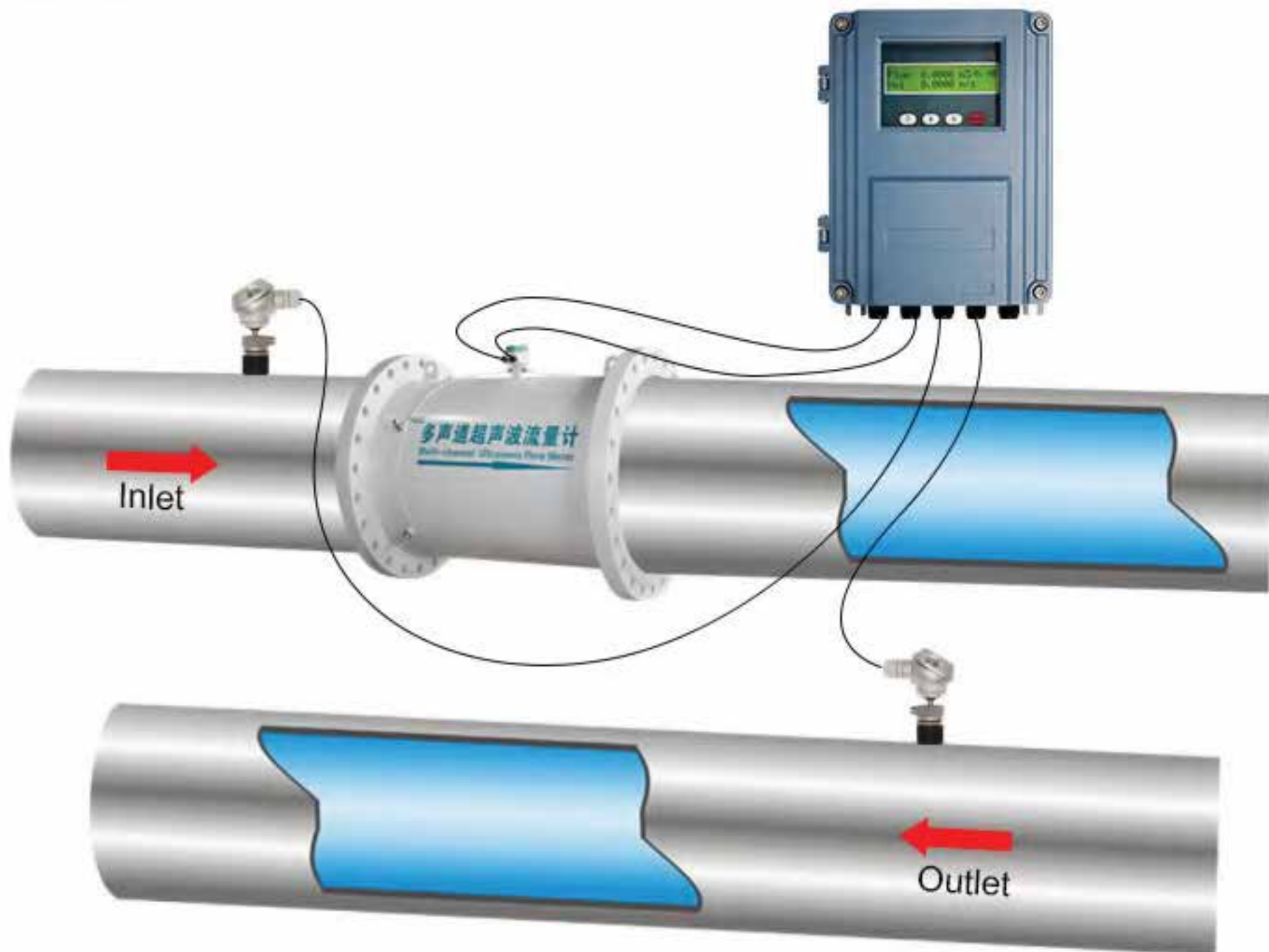
Widely use in waterworks and heat exchange station



02

Measuring Heat

Multi-channel Ultrasonic Flow Meter Could Connect Temperature Sensor to Become One Calorimeter



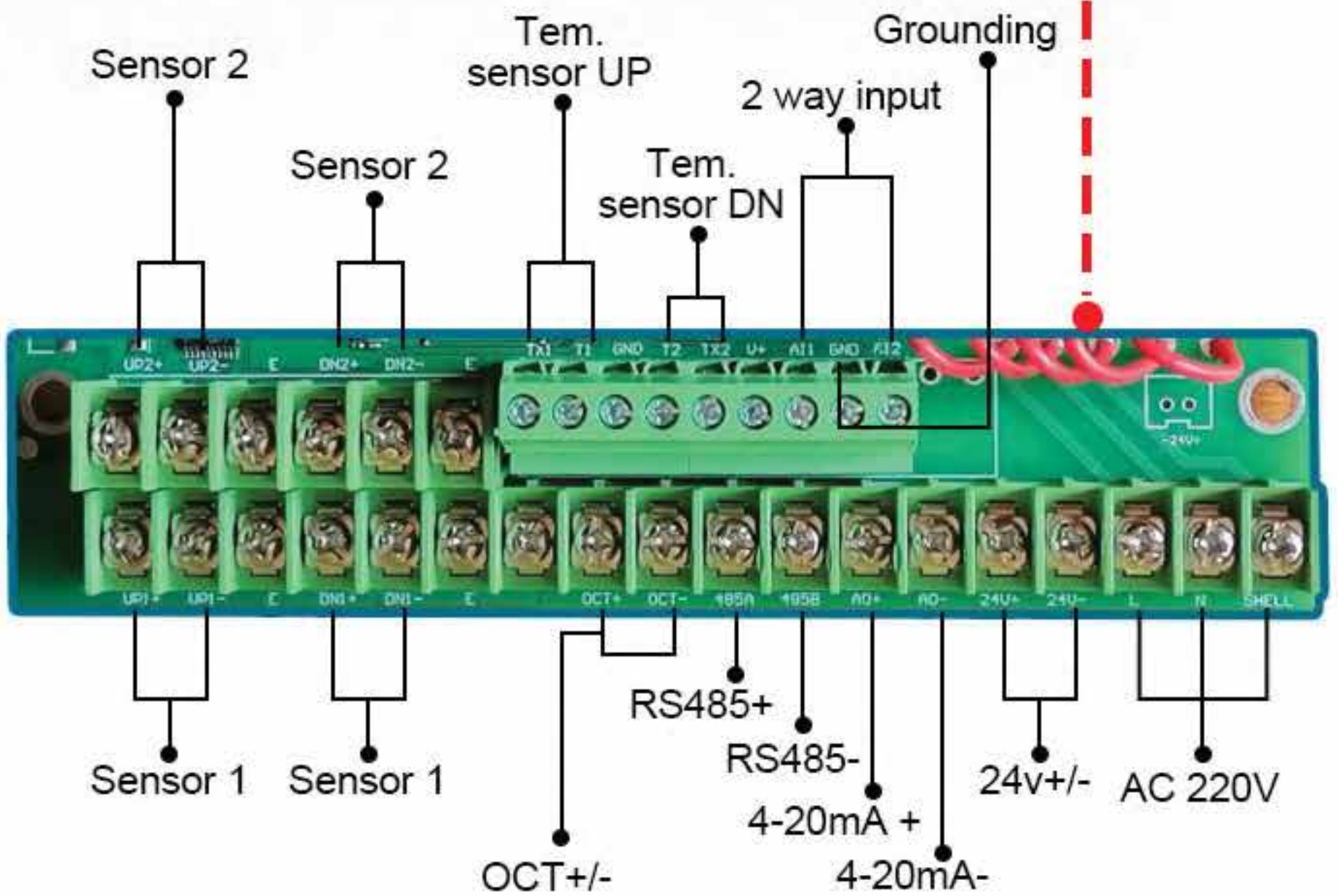
03 Backlit LCD and Front Panel Operation

Flow 0.0000 m³/h *R
Vel 0.0000 m/s

- Instantaneous flow
- Total flow
- Heat
- Positive flow
- Negative flow



04 Multiple Inputs and Outputs



2 way analogy input, after build connection could transmit flow, pressure, temperature, level etc

4-20mA output is Electrical isolation: Safety, Reduce interference between circuits

Measuring resolution : 22 picosecond time difference

64-bit floating point operation

Power supply: DC 24V & AC220V

05

Battery Powered Optional

Low Power Consumption 3.6V Power Supply



Built-in battery
could work 2 years
continuously



06 Sensor



No Moving Parts

No Wear

No Pressure loss

Maintenance Free



Pipe dia: 50~2000mm

Body material: Carbon steel, SUS304, SUS316

MORE PRODUCTS



SPECIFICATION

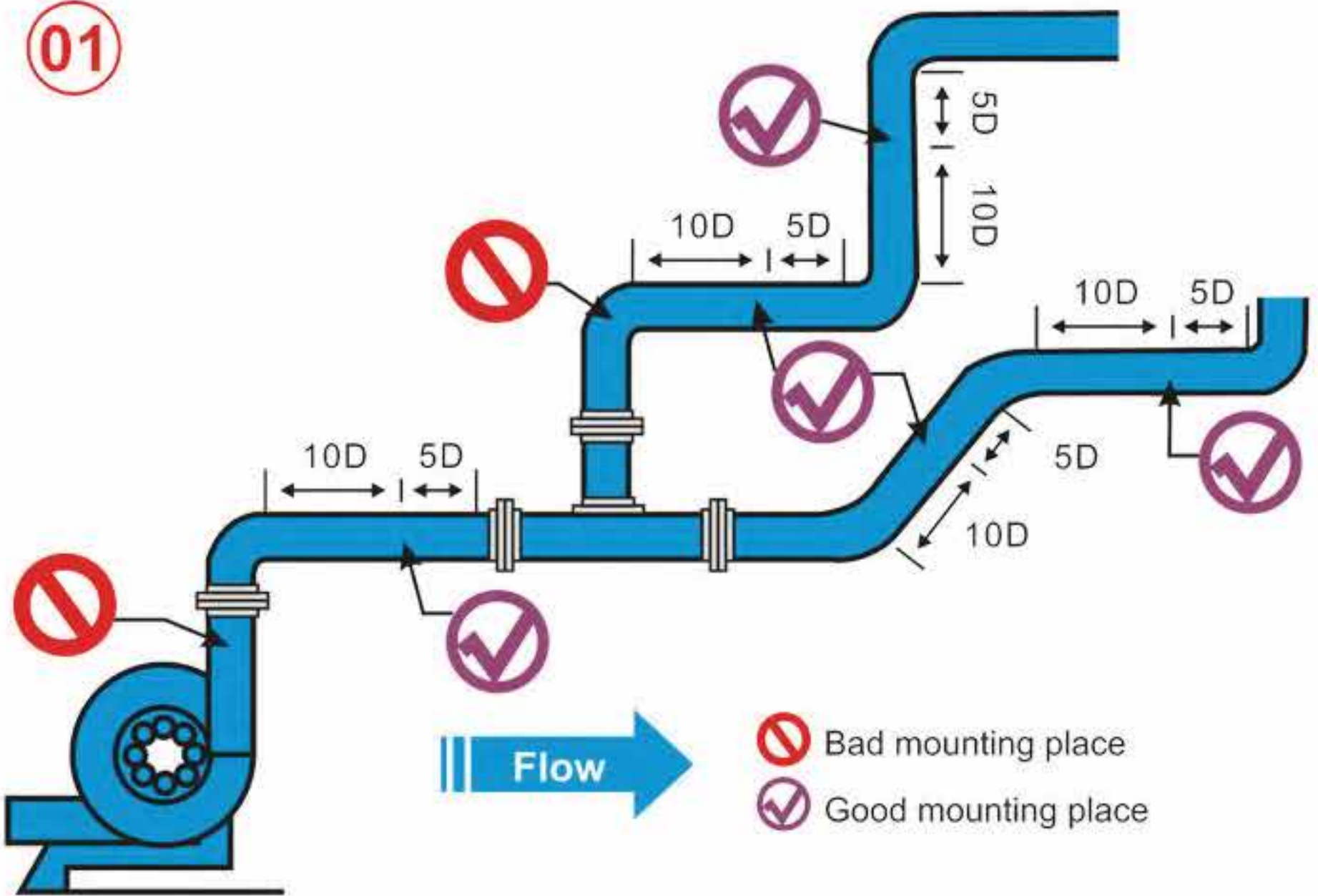
Nominal Diameter	DN50mm~DN2000mm
Accuracy	±1.0 %
Velocity	0.1 ~ ±10 m/s
Input	2-way two-wire PT100
Output	4~20mA,Pulse,OCT,RS485
Measuring cycle	50 mS. (20 times/s,collect 64 groups data)
Power supply	DC 24V & AC 220V
Body material	Carbon steel(Standard), SUS304(Optional), SUS316(Optional)
Cable length	Max.100m
Working Temperature	Host:-10-70°C; Sensor:-30°C ~ +150°C
Flow direction	Could separately measure forward and reverse flow,and could measure net flow
Other function	Memory total flow date,month,year Fault self-diagnosis function
Turbidity	≤10000 ppm,low bubble content
Humidity	Host:85%RH
Straight pipe	Upstream≥10D,Downstream≥5D,Pump outlet≥30D
Media	Water,Seawater,Acid solution,Cooking oil,Gasoline,Coal oil,Diesel,Alcohol, Beer and other uniform liquid could transmitting ultrasonic waves

• Model selection

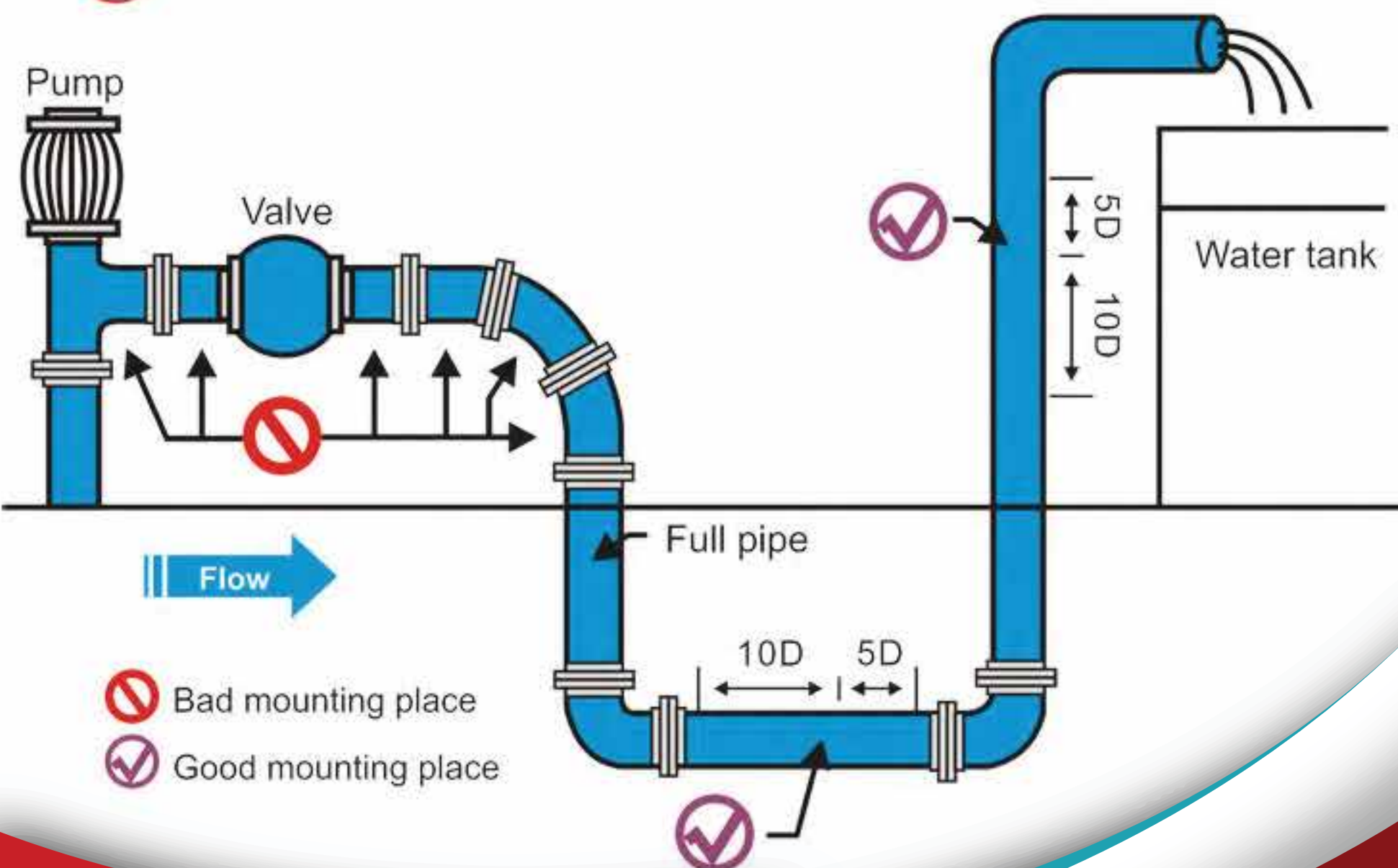
QTDS-30		XXX	X	X	X	X	X
Caliber	50~2000 mm						
Body Material	Carbon steel		C				
	SS304		S0				
	SS316		S1				
Nominal pressure	0.6 Mpa			P1			
	1.0 MPa			P2			
	1.6 MPa			P3			
	2.5 MPa			P4			
	Other special			P5			
Output	4-20mA,Pulse,OCT,RS485				O		
Structure	Integral					I	
	Remote					R	
Connection	Flange						1

INSTALLATION PLACE

01



02



CALIBRATION



CERTIFICATE



Certificate - Сертификат - 證明書 - 증명서 - 證書

Certificate of Compliance 

Certificate No. 11881-81020

Certificate's Model: Kaifeng Precision Instrument Co., Ltd.
No. 1, Wuyang Road, Kaifeng Industrial Zone,
Kaifeng City, Henan Province, China

Certification SCM Mark: 

Product Model: Wet Inflow type ultrasonic flow meter
KFMW-S, KFMW-SH, KFMW-L

Verification No.: Standard: GB/T19001-2015, GB/T22801-2012

Issued to: CEI (China) Ltd.
20140202 (2014) 0001
20140202 (2014) 0001

Scope of approval: Production and Sales Service of Flow Meter within Qualification

Valid until: 11 Nov 2015

Valid from: 11 Nov 2014

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 101 16 0012006 4104

This is to certify the quality management system of

KAIFENG QINGTIAN WEIYE FLOW INSTRUMENT CO., LTD

Unified Social Credit Code: 914100127779967281

Location: NO. 1 WANG JIAI ROAD, JIANGLENG INDUSTRIAL PARK IN KAIFENG, HENAN

See form annexed and registered as meeting the requirements of GB/T 19001-2016/ISO 9001:2015

Scope of approval: Production and Sales Service of Flow Meter within Qualification

Signed by: 

Valid until: 11 Nov 2015

Valid from: 11 Nov 2014

Management System Certificate Assessment Co., Ltd.

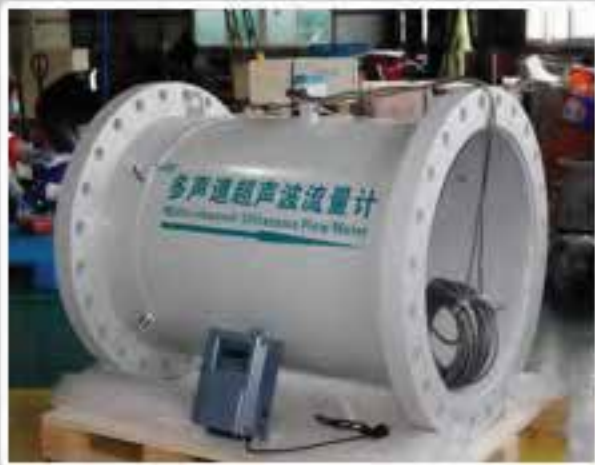
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PACKING AND DELIVERY



SERVICE

- Offer professional model selection
- Provide installation video
- 2 Years warranty
- 24 hour appointed personal service
- Full refund in case of bad quality
- Sign confidentiality agreement, keep your business secret
- Accept various payment method, convenient for business transaction



Cash

VISA



MoneyGram. L/C

**CHINA LEADING FLOW METER
EXPORT BASE**