

Touch the sensitivity...

ADA FLOW



AUP200P

It is ideal for flow surveys and closed pipe application where noninvasive measurement of Liquids is required. Widely be used in water supply, heat supply, chemical industry, machinery and energy resources.

www.adaflow.com.tr



Flowmeter

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AUP200P Portable Ultrasonic flowmeter



Type:

Ultrasonic flowmeter

Data Interface:

Insulate RS485 serial interface

Pipe Diameter:

DN15-6000MM

Medium:

Water liquid, fuel diesel oil etc.

Accuracy:

±1%

Flow rate:

0~±10m/s

Communication:

RS485

Packaging & Delivery

Selling Units:

Single item

Single package size:

50X50X45 cm

Single gross weight:

5.000 kg

Lead Time:

Quantity (Pieces)	1-10	>10
Est. Time (days)	12	To be negotiated

Specification



Pipe Size	DN 15mm ~ 6000mm
Power Consumption	Less than 1.5W
Measuring Principle	Transit-time measuring principle
Power Supply	AC220V or DC24V
Output	Analog & OTC & Relay output, RS485 serial port
Protocols	MODBUS, M-BUS, Fuji extended protocol and others
Memory	Automatically record the totaliser data of the last 64 days / 64 months/ 5 years
Pipe Material	Steel, stainless steel, cast iron, cement pipe, copper, PVC, aluminum, FRP etc. Liner is allowed
Accuracy	Better than ±1%
Repeatability	Better than 0.2%
Measurement Period	500ms
Display	LCD with backlight, display accumulated flow/heat, instantaneous flow/heat, time etc
Input	Three analogue input, Three-wire PT100 resistor input (optional)
Flow Direction	Bi-directional measuring, net flow/heat measuring
Temperature	Main Unit: -30°C - 80°C, Transducer: -40°C -110°C, Temperature transducer: select on enquiry

AUP200P Portable Ultrasonic flowmeter

Technical Specification

- No pressure loss, measurement is not affected by temperature and pressure changes.
- Reliable empty full tube detection technology.
- Excellent low flow rate measurement performance, turndown ratio 100:1.
- Both power supply power supply and output circuit adopt reliable lightning and surge protection, with high reliability and extremely low failure rate.

Measuring Diagram

Clamp on transducers



- Easy for installation
No need to cutoff water, no pressure loss

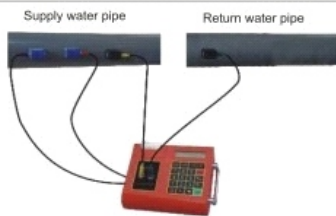
Clamp on Mounting Bracket Transducers



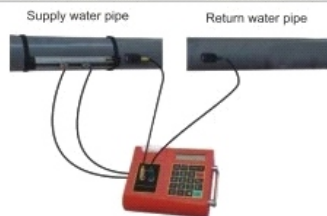
- Simplify installation process, shorten installation time, improve installation accuracy.
- Easy for installation, no need to cutoff water, no pressure loss

Heat Measuring Diagram

Clamp on transducers



Clamp on Mounting Bracket Transducers



connecting with clamp on temperature transducers could achieve the heat measurement.

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