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# ADA FLOW



## AUP200N

AUP200N Handheld Ultrasonic Flow meter  
Sufficient Stock, Immediate Delivery

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Flowmeter

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# AUP200N Handheld Ultrasonic Flow meter



## Feature:

- High Accuracy measuring
- Linearity:** better than 0.5%
- Repeatability:** better than 0.2%
- Accuracy:** better than  $\pm 1\%$
- Small size, Light weight
- Dimensions:** 200x93x33mm
- Weight:** 390gr
- Non-intrusive measuring
- Non-intrusive, clamp-on transducer, no pressure drop, no pipe disturbance.
- Wide measuring range
- Several types transducer for selection, measuring pipe size from DN15mm to DN6000mm
- Large LCD display
- Display instantaneous flow, accumulated flow (positive, negative and net), velocity, working status etc.
- Built-in data logger
- Built-in 24K data logger, store over 2000 lines measuring data



## Performance and Parameter



	ITEM	Performance and Parameter
Main Unit	Principle	transit-time ultrasonic flowmeter
	Accuracy	Accuracy :over 1%-2%; Repeatability: over 0.2%
	Display	4 line x 16 character LCD with backlight
	Dimension	200x93x33cm; Weight: 390gr
	Operation	Support 16 key light touch keyboard and the Simulation keyboard software
	Data Interface	Insulate RS232 serial interface, upgrade the flow meter software by computer, support the MODBUS, etc.
	Signal Output	1 way OCT output
	Special Cable	Twisted-pair cable, Select the RS232 communication. Generally, the standard is 5m $\times$ 2, optional 10m $\times$ 2
Pipe Condition	Pipe Material	Steel, Stainless steel, Cast iron, Copper, Cement pipe, PVC, Aluminum, Glass steel product, liner is allowed.
	Pipe Diameter	DN 15 ~ 6000mm
	Straight length pipe	Transducer installation should be satisfied: upstream 10D, downstream 5D, 30D from the pump.

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	ITEM	Performance and Parameter
Measuring Medium	Type of Liquid	Water ; Ultra-pure liquids; Solvents and other liquids
	Temperature	Standard Transducer: -30° ~ 90°C; High-temperature transducer: -40° ~ 160°C
	Turbidity	under 10000ppm and less bubble
	Flow rate	0 ~ ±10m/s
	Flow Direction	Measuring two (plus-minus) direction of flow rate
Working Environment	Temperature	Main Unit: -20° ~ 60°C
		Flow Transducer: -40° ~ 160°C Temperature transducer: according to the customer's demands.
	Humidity	Main Unit: 85% RH
	Power Supply	AC / 110V ~ 240V

### ● Optional Transducers:

Types	Spec.	Model	Measure Range	Temperature	Size
Clamp on	Small	TS-2	DN15 ~ 100	-30° ~ 90°C	42x25x32 mm
	Medium	TM-1	DN50 ~ 700	-30° ~ 90°C	69x39x44 mm
	Large	TL-1	DN300 ~ 6000	-30° ~ 90°C	97x54x53 mm
High temperature clamp on	Small	TS-2-HT	DN15 ~ 100	-40° ~ 160°C	64x25x32 mm
	Medium	TM-1-HT	DN50 ~ 700	-40° ~ 160°C	69x39x44 mm
	Large	TL-1-HT	DN300 ~ 6000	-40° ~ 160°C	97x54x53 mm
Mounting bracket clamp on	Small	HS	DN15 ~ 100	-30° ~ 90°C	318x59x85 mm
	Medium	HM	DN50 ~ 300	-30° ~ 90°C	568x59x85 mm
	Extended	EB-1	DN300 ~ 700	-30° ~ 90°C	188x59x49 mm
High temperature mounting bracket clamp on	Small	HS-HT	DN15 ~ 100	-40° ~ 160°C	318x59x85 mm
	Medium	HM-HT	DN50 ~ 300	-40° ~ 160°C	568x59x85 mm
	Extended	EB-1-HT	DN300 ~ 700	-40° ~ 160°C	188x59x49 mm

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