

# X3 Clamp Ultrasonic Flowmeter Datasheet



## Product Description



The X3 Clamp Ultrasonic Flowmeter employs the principle of time difference in ultrasonic wave propagation through the medium to precisely measure the flow rate of liquids. This advanced flowmeter is particularly well-suited for accurately gauging water consumption in residential areas, apartment buildings, and small commercial properties.

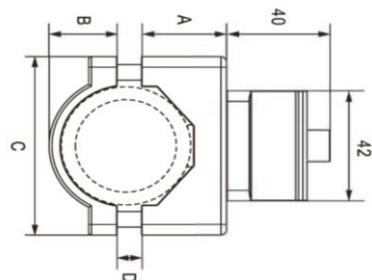
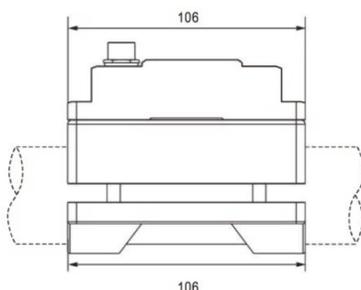
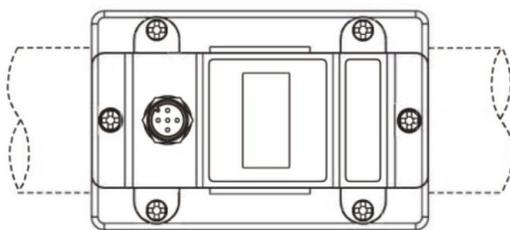


## Product Features

- Automatic magnet bracket buckle for installation
- Only 2-3 minutes to complete the whole process from installation to measurement
- OLED display, easy to tell even in low light environment
- All pipe materials well support: stainless steel pipe, carbon steel pipe, copper pipe, plastic pipe (PVC, PVDF, PPR, PPH, HDPE, etc.).



## Product Dimensions



Model	A(mm)	B(mm)	C(mm)	D(mm)*	
				min	max
Φ20	25	8	58	1/Φ16.5	7.5/Φ23
Φ25	25	15	58	1/Φ25	4/Φ28
Φ32	28.5	18.5	58	1/Φ32	4/Φ35
Φ40	29.5	24	68	1/Φ38	9/Φ45
Φ50	36	27	78	1/Φ48	7/Φ54
Φ63	41	32	91	1.5/Φ58	8.5/Φ64
Φ75	46.5	40	105	1/Φ72	7/Φ78
Φ90	51.5	43	119	1/Φ80	13/Φ92

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## Specifications

<b>Flow Range</b>	0.1 m/s – 5.0 m/s, $\pm 1.0\%$
<b>Pipe size</b>	$\phi 20/\phi 25/\phi 32/\phi 40/\phi 50/\phi 63/\phi 75/\phi 90$
<b>Data storage</b>	Daily, monthly, and yearly
<b>Analog output</b>	4-20mA, Maximum load: 600 $\Omega$
<b>Alarm output</b>	OCT, Upper and lower limit alarm function (optional)
<b>Communication</b>	RS485, Modbus and BACnet (optional)
<b>Power supply</b>	12-36V DC
<b>Power&amp; Data Cable length</b>	1.8m
<b>Keypad</b>	Four light touch buttons
<b>Screen</b>	OLED 128*64 display screen
<b>Units</b>	Metric and imperial units are available, Cubic Meters(m <sup>3</sup> ),Liters(L),USA Gallons(GAL)/hour,/min, Default unit setting: m <sup>3</sup> /h
<b>Pipe material</b>	Stainless steel pipe, carbon steel pipe, copper pipe, plastic pipe
<b>Case material</b>	Aluminum alloy
<b>Operation temp.</b>	0°C-80°C
<b>Medium temp.</b>	0°C-50°C
<b>Ingress Protection</b>	IP65



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