

# HYDRAFLOW-C

## Ultrasonic Clamp-on Flow/BTU Meter

Revolutionizing Flow



HYDRAFLOW Compact ultrasonic clamp-on flow / BTU meter offers an economical and easy way of measuring the flow or energy of a liquid flowing in a closed pipe. Easy clamp-on installation without the need for any pipe modifications makes it the go-to measurement device for any retrofit applications.

The robust design combined with the transit time flow measurement technology makes this an accurate measurement device for any residential or commercial applications.

EASY  
INSTALLATION



COMMUNICATION  
OPTIONS



IP65 PROTECTION



HIGH ACCURACY



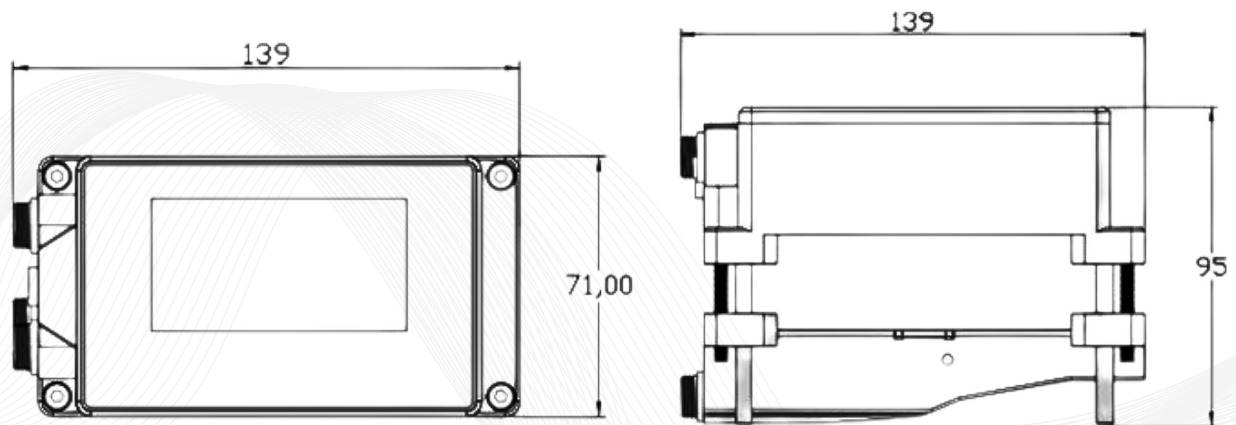
FEATURES

TECHNICAL DATA		
Pipe size	mm	DN15 to DN40
Pipe material	-	Metal, PVC, PP or PVDF rigid plastic pipe
Liquid type	-	Water/other liquid (Single liquid medium without solid particles or impurities)
Operating temperature		0-75°C (No freezing on the surface)
Low velocity cut off value	m/s	0.1
Display	-	256*128, LCD
Response time	s	0.5
Accuracy	%	±1
Memory backup	-	EEPROM
Power and I/O connection	-	M12 type connector
Output	mA	4 to 20
Communication	-	Modbus RS485
Optional output	-	Pulse
Power supply	V	10 to 24 DC
Electric power	W	< 3
Protective circuit	-	Power reverse connection protection, power surge protection, output short circuit protection, output surge protection
Enclosure protection class	-	IP65
Ambient temperature	-	-10°C to 60°C
Relative humidity	%	35 to 85 RH
Vibration resistance	-	10 to 55Hz double amplitude 1.5 mm, 2 hours in each XYZ axis
Impact resistant	-	100 m/s 16 ms pulse, 1000 times each for X, Y and Z axis
Main material	-	Aluminum, Industrial plastics
Cable length	-	2m (standard), PT1000 sensor standard cable length up to 9m

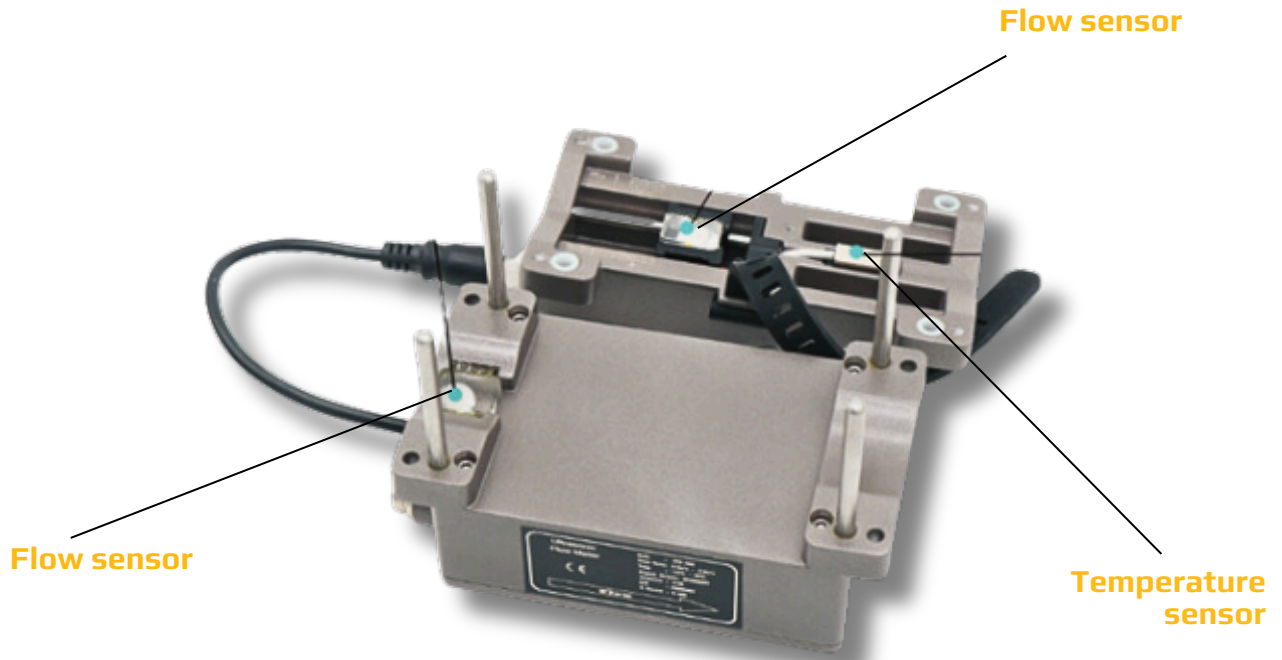
FLOW RANGE	
Pipe Size (DN)	Upper flow value(l/min)
15	60
20	100
25	200
32	300
40	400

Note: The minimum measurable pipe size is the inner diameter  $\geq 12\text{mm}$

**DIMENSIONS**



**METER OVERVIEW**



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