

Ultrasonic Portable Flowmeter (Xonic-100P)

General		
Installation	Pipe size from DN20 - 6000mm	
Measuring Principle	Transit-Time, Anti-Round	
Application	Municipal Water, Waste Water, Block Flow Monitoring, Strong Acid, Solvent, Milk, Deni-Water, Oil, Sea Water, Cool and Hot Water, Liquids contains Heavy Slurry and Air, etc	
Transducer Type	Submersible, IP68, Temp. range: -40 ~ 120 °C	
Air/Slurries Contains	30% Max	
In/Output	Analog Output	One 4-20mA for flow rate
	Relays Output	One Relay for total or alarm
Required Straight Pipe Run	10D upstream, 5D downstream, single path 7D upstream, 3D Downstream, dual path	
Display	Color Graphic LCD Display (flowrate: 4.5 digit, Total: 12 digit) Flowrate, Velocity, Total (POS,NEG,NET), Input Data(AI), Delta T, Ultrasonic Signal Shape, Frequency	
Sound Speed Tracking	Automatic Sound Speed Tracking	
Time Average Set		
Datalogger	32 Mbytes (more than 1,000,000 points Datalogging)	
Communication	RS-232C	
Electronic		
Protection	IP67 Rain proof	
Flow Velocity	+/- 0.02 ~ 20m/sec	
Turn Down Ratio	1000:1	
Accuracy	+/- 1.0% single path (over 0.02 m/s) +/- 0.5% dual path (over 0.02 m/s)	
Power	24 hours operation with rechargeable battery (power adapter is AC85-264V)	
Operation Temperature	-20 ~ +60 °C	
Transducer		
Protection	Submersible, IP68	
Operation Temperature	-40 ~ +120 °C	
Cable	RG-62A/U, standard 6meter, max 200meter	