

Ultrasonic Portable Flowmeter (Xonic-100P)

General		
Installation		Pipe size from DN20 - 6,000mm
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 (Two as option) for flow rate
	Relays Output	One Relay (Two as option) 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 10meter, max 200meter