

Compact Ultrasonic Flowmeter **Xonic® 10L**

- ✓ **Clamp-on Type**
- ✓ **AR Mode**
- ✓ **Compact and Cheap**



Xonic 10L use DSP technics - cross correlation and fast fourier transform - and it analyze ultrasonic signal with pico-seconds time resolutions. Patented AR (Anti-Round) Mode ultrasonic signal make Xonic 10L to measure even lime stone slurry, waste water, and orange syrup juice.

Xonic 10L model is very compact and cheap but all performance is same with high end model Xonic 100L.

Xonic 10L model use clamp-on, patented AR mode transducers, so user can install Xonic 10L very accurately. Also, customer can use Transducer Block to eliminate any installation errors.

Xonic® 10L



Small pipe(50~300A)



Small Diameter Installation



Performance

- AR (Anti-Round) Mode Ultrasonic Flowmeter
- Transit-Time Method
- Oscilloscope Function
- Measure from 0.02m/s
- Easy & Fast Installation
- Clamp-On Type
- Patented Transducer Block or clamp-on transducers

Application

Xonic 10L is better for small pipe applications such as cut off block area flowmeters to monitor water consumption and flowmeters for chemical plants. Especially, Xonic 10L can measure velocity from 0.02 m/s, so it can be used to monitor small water leakage of cities in midnight.

Transducer

Transducer Block is available for 12~300mm pipes, and material is stainless steel and special plastics. It does not need mounting tracks and can be fastened very strongly on pipe with single stainless strap.

Economic Flowmeter

All function is same with high end model Xonic 100L, but only price is compact. Xonic 10 can be replace any type of flowmeters, such as magnetic flowmeters, orifice flowmeters, turbine flowmeters without pipe cutting or welding. Xonic 10L is clamp-on type, so cost for installation or repair is very simple and economical.

Specification

Principle	Transit-Time, ARMode®
Display	Color Grapic LCD, Flow, Total, Analog Inputs, Delta T Oscilloscope Graphic, Signal Strength
Transducer	Clamp-On
Velocity	0.02~20m/s
Accuracy	1.0 % (single path)
Sensitivity	0.01 m/s
Data Output	4-20mADC, RS-232C
Datalogger	32Mbytes
Temperature	Flow Computer -20 ~ +75°C / Transducers -40 ~+120°C
Power	12~24VDC (AC adaptor included)
Enclosure	Flow Computer 10L(IP65) / Transducer, submersible(IP68)