

Ultrasonic Water Meter **Xonic[®] 5L**



- ✓ **Stainless Steel Body**
- ✓ **8 years Battery Operation**
- ✓ **Wireless infrared communication**

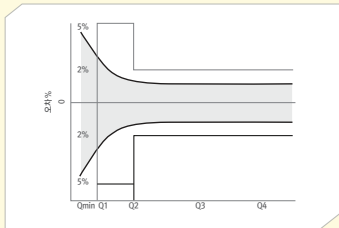
구경	80mm	기밀번호	g13-508043
속정단위	m ³	S/N : L13080043R-080	2017.07
최대유량(Q3)	160 m ³ /h	제조년월	8년
최소유량(Q1)	1.28 m ³ /h	감정유량기준	제KTC-1-12-72호
전대유량비(Q2/Q1)	2.6	형식승인 기호	02-868-4114
정밀도	Q2sQsQ4 ± 2.0%	소배자 상당전용	2년(24개월)
	Q1sQsQ2 ± 6.0%	품질보증 기호	

	Meter size	50	80	100	150	200	250	300
Q4	Max Flow m ³ /h	20	200.2	312.5	390.6	787.1	1250	1250
Q3	Normal Flow(±2%)	16	160.2	250	312.5	629.7	1000	1000
Q2	Spread Flow(±2%)	0.64	2.05	3.2	4.0	8.06	10	16
Q1	Min Flow(±5%)	0.128	1.28	2.0	2.5	5.04	6.25	10
	Start Flow	0.048	0.641	1.0	1.25	2.52	3.0	8.0
	Flange Length	305mm	240mm	240mm	300mm	350mm	450mm	500mm

Xonic[®] 5L



Ultrasonic Water Meter Display



Q4 = Max Flow ($\pm 2\%$)
 Q3 = Normal Flow ($\pm 2\%$)
 Q2 = Spread Flow ($\pm 2\%$)
 Q1 = Min Flow ($\pm 5\%$)



System description

Xonic 5L is stainless steel, no moving parts, battery operating, fully digitalized Water Meter for municipal water applications. Also, Xonic 5L can measure clean water, dirty water, chemicals, oil, alcohol, etc, so it can replace conventional water meters.

No Moving Parts

- No Turbine or Impeller
- No Gear Box
- No Magnetic Parts

Stainless Steel Body

- No Corrosiveness
- No Rust

Fully Digitalized Water Meter

- Ultrasonic Transit-Time Method
- Empty Alarm
- Total & Flow Indication
- Pulse Output (1m³/pulse)
- Bi-Direction Flow
- 9.5 Digit Total
- Battery Operating (8 Years)
- Same Size with Turbine

Application

- Water Meter
- Chemical
- Semiconductor
- Oil Refinery
- Flow Monitoring
- Steel
- Ship Manufacturing
- Irrigation

Specification

Measuring Method	Ultrasonic Transit-Time / 1 Pair Insertion Transducer
Accuracy	2.0% RD
Measuring Range	0.05~10 m/s
Sensitivity	0.01 m/s
Output	IrDA Communication
Display	Total & Flow / Reverse Flow / Empty Alarm / Operation Status / Communication
Operating Temperature	-20 ~ +75°C for Electronics / -40 ~ +90°C for Transducers
Datalogger	Option
Protection	IP68 for Spool / IP65 for Remote Electronics
Spool Material	SS C 13A