inteliSYS
...enabling continuous water quality intelligence

clamnet®

Option: Cl Flow Sensor

KEY FEATURES

- Suitable for use with ChloroClam or HydraClam
- Helps ensure accuracy of chlorine data
- Helps reduce costly site visits
- Submersible and robust - IP68 rated
- Compact and lightweight
- Highly reliable and stable technology

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CHLORINE FLOW SENSOR

The flow rate supplied to the amperometric chlorine sensor, when in use on the ChloroClam or HydraClam, is important to maintain accuracy and ensure the minimum of water usage. The Chlorine Flow Sensor has been developed to provide reassurance that the flow rate is correct and therefore, that logged chlorine changes are real.

Without the sensor, when a reported chlorine level drops to zero, this could be a genuine reading, or it could simply mean that the flow to the sensor has stopped for some reason. The flow sensor resolves this quandary by qualifying any Chlorine reading with a corresponding flow reading.

The thermal mass liquid flow technology used within the flow sensor provides high reliability and long-term stability

TECHNICAL SPECIFICATION

PARAMETER MEASUREMENTS

Full scale flow rate	600 ml/min
Sensor output limit	1000 ml/min
Accuracy (valid for flow in positive direction)	±5% up to 300ml/min ±10% up to 600ml/min
Temperature coefficient(additional error/°C deviation from 23°C	0.2 % measured value / °C
Chloroclam flow rate	100 ml/min

ENVIRONMENTAL

Waterproofing	IP68 (1m, 1hr)
Operating Temperature	+5 - +50 °C
Short term storage	-20 to +60 °C 0-95% RH Humidity; non-condensing
Burst pressure	9 bar

POWER

Powered via the Clam

CONNECTION

Direct wiring into clam at order specification
Retro-fit connection kit also available