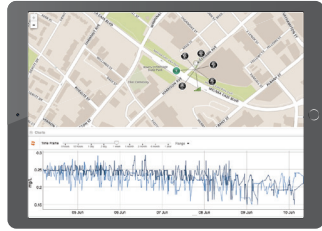


WAVELET WATER QUALITY KIT*



Model No. WA1111-SE00014

Wavelet Water Quality Kit includes:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- **A. SE00014** Multi-Parameter In-Line Water Quality Sensor, 3 m (10-ft) Cable

Model No. WA1111-SE00014-SE00032-WA00156

Wavelet Water Quality+ Kit also includes:

- **WA00156** 2-Port Serial Cable Splitter
- **B. SE00032** In-Line Drinking Water pH and Temperature Sensor, 10 m (33-ft) Cable

SUMMARY

Chlorine levels in the water supply are tightly regulated in most developed countries. While insufficient chlorination of water supply allows for the growth of harmful bacteria and the accumulation of excess minerals, over-chlorination causes unfavorable odors and taste and can even be carcinogenic.

The Wavelet Water Quality Kit is the perfect solution for autonomous and continuous chlorine monitoring. This helps maintain health standards, customer satisfaction, and allows operators to remain compliant with governmental regulation. Additionally, the sensor of the Wavelet Water Quality Kit not only monitors chlorine levels according to standard applications, but also includes advanced technology allowing for in-line monitoring of conductivity, pressure, and temperature.

*Please note: this kit is not available in the North American market.

FEATURES

- ▶ Multi-Parameter Probe
- ▶ Real-Time Situational Awareness
- ▶ In-Line Free Chlorine Monitoring Using Correlation Analysis

APPLICATIONS

- ▶ Safeguard Public Health & Safety
- ▶ Comply with Legislative Regulation
- ▶ Decontaminate Local Water Supply
- ▶ Maintain Customer Satisfaction

SENSOR SPECIFICATIONS

A. Water Quality Sensor

Range	Active Chlorine: 0.01 – 2.0 mg/L (0.01 – 2.0 ppm) Conductivity: 50 – 1,000 μScm^{-1} Pressure: 0 – 10 bar (0 – 145 psi) Temperature: 0°C to 40°C (32°F to 104°F)
Probe Dimensions	Fits directly in a pipe of external diameter: $D > 60$ mm or 2" with a threaded fitting Max. pipe diameter: DN 300 for iron pipe and DN 250 for PVC/HDPE Probe length: 30 cm (11.8 in.) Diameter of probe head: 3.5 cm (1.4 in.) Thread: 1-1/8" Gaz BSP Cylindrical
pH Range	5 – 9 pH < 5 can cause irreversible damage to the sensor head

B. pH Sensor

Range	0 – 14 pH
Accuracy	± 0.02 pH
Drift	0.03 pH per 24-hours, non-cumulative
Electrode Type	General Purpose
Max. Flow Rate	3 m/s (10 ft/s)
Max. Pressure	10.7 bar (155 psi)