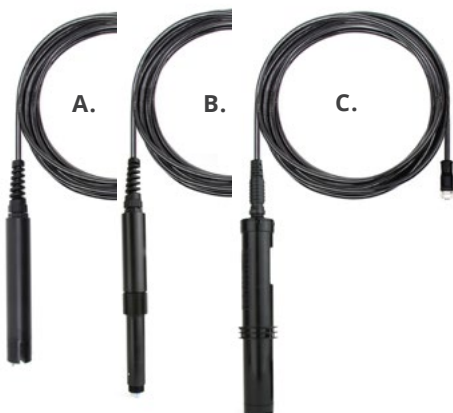
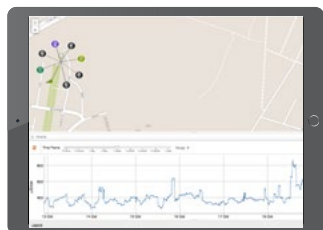


WAVELET PROCESS WATER KIT



Model No. WA0111-SE00018-SE00020-SE00035-WA00156

Wavelet Process Water Kit includes:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- **WA00156** 2-Port Serial Cable Splitter
- **A. SE00018** 4-Electrode Conductivity, Salinity, and Temperature Sensor, 6 m (20-ft) Cable
- **B. SE00020** pH, ORP, and Temperature Sensor, 6 m (20-ft) Cable
- **C. SE00035** PTSA In-Line Fluorometer, Mounting Tee, 6 m (20-ft) Cable

SUMMARY

The Wavelet Process Water Kit consists of a Wavelet remote monitoring system connected to three low-power sensors. It allows operators to obtain real-time measurement of fluorescence, temperature and pH, and conductivity within process water. Monitoring these parameters allows industrial operators to reduce chemical and water costs. Chemicals often build up inside the water tank and heat exchanger, reducing the efficiency and expected lifetime of the component. Using a comprehensive remote monitoring kit, operators can reduce costly repairs to the pumps, fans, and heat exchangers.

This Kit includes an in-line rugged fluorometer sensor. The Wavelet Process Water Kit is ideal for monitoring process water at manufacturing sites as well as for cooling tower applications.

FEATURES

- ▶ In-Line Sensor
- ▶ Customizable Optics
- ▶ Low-Power
- ▶ Improved Turbidity & Dissolved Iron Rejection

APPLICATION

- ▶ Industrial Water Process Control
- ▶ Cooling Towers
- ▶ Reverse Osmosis
- ▶ Boilers & Other Industrial Heating Elements

SENSOR SPECIFICATIONS

	A. Conductivity Sensor	B. pH, ORP & Temperature Sensor	C. PTSA Fluorometer
Range	0 – 200 $\mu\text{S/cm}$ 0 – 2,000 $\mu\text{S/cm}$ 0 – 20 mS/cm 0 – 200 mS/cm	0 – 14 pH 0°C to 50°C (32°F to 122°F)	< 1 – 300 ppb (PTSA) < 1 – 100 ppb (fluorescein)
Resolution	0.01 – 1	0.01 pH	0.01 °
Accuracy	$\pm 1\%$	± 0.1 pH	0.5°C
Dimensions	2.7 cm x 17.7 cm (1 in. x 7 in.)	2.7 cm x 20.7 cm (1 in. x 8 in.)	3.3 cm x 22 cm (1.3 in. x 8.6 in.)
Weight	0.4 kg (0.8 lbs)	0.4 kg (0.8 lbs)	0.13 kg (4.4 oz.)
Max. Pressure	5 bar (72 psi)	5 bar (72 psi)	6.8 bar (100 psi)