

WAVELET GROUNDWATER KIT

SUMMARY

The Wavelet Groundwater Kit offers a cyber-secure, plug-and-play solution for managing water resources in perched, unconfined, and confined aquifers. Groundwater resources are vital to agricultural, municipal, and industrial end-users. In addition, effective resource management is necessary to properly protect ecosystem health.

A systematic approach to groundwater level monitoring provides insights on the status of these resources and enables a thorough evaluation of the interaction between groundwater and surface water. This fully-autonomous Kit streamlines the process of delivering field data, eliminating the need for costly manual measurements and allowing for real-time data collection. The system is suitable for a wide range of applications, including resource management, climate and hydrological modeling, and regulatory compliance.



FEATURES

- ▶ Plug-and-Play Installation
- ▶ Continuous Data Collection
- ▶ Data Graphing & Reporting

APPLICATIONS

- ▶ Watershed Management
- ▶ Catchment Basin Management
- ▶ Climate Analysis

SENSOR SPECIFICATIONS

	Range	Accuracy	Operating Pressure
Conductivity	Automation range switchover; 0 – 200 μ S/cm, 0.2 – 2 mS/cm, 2 – 20 mS/cm, 20 – 200 mS/cm	\pm 1 μ S/cm for range 0 – 200 μ S/cm; \pm 0.5% for range 0.2 – 200 mS	0 – 20 bar (0 – 290 psi)
Water Level	Up to 200 m (656 ft) water column or according to specifications	\pm 0.05% FS	
Temperature	-5°C to 50°C (23°F to 122°F)	0.1°C	0 – 20 bar (0 – 290 psi)

Model No. WA2111-SE00067

Wavelet Groundwater Kit includes:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- **SE00067** 4-Electrode Conductivity, Level, and Temperature Sensor, 0-10 m (0-14.2 psi) Range, 15 m (50-ft) Cable