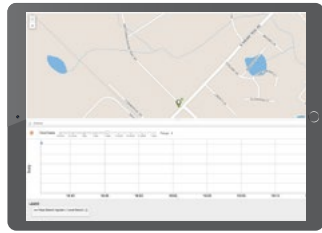


WAVELET GENERATOR KIT



Model No. WA0111-SE00066-SE00066-SE00108-WA00141-WA00158

Wavelet Generator Kit includes:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- **WA00141** 3 m (10-ft) 43Discrete Port Cable
- **WA00158** 2-Port Analog Cable Splitter
- **A. SE00066** Two (2) Seismic Velocity Sensors, General Purpose, 1/4 - 28" Mounting Stud, Magnetic Mounting Base, 5 m (16-ft) Armored Cable
- **B. SE00108** Submersible Hydrostatic Level Sensor, 0-0.34 bar (0-5 psi), 6 m (20-ft) Cable

SUMMARY

The Wavelet Generator Kit allows operators to monitor two critical parameters for generator operation: system vibrations and fuel tank level.

Condition monitoring is an important part of any effective maintenance strategy, allowing operators to receive timely indications of both actual and potential component failures. By monitoring vibrations, operators can gain invaluable forewarning about the development of faults before they occur. Vibration information can also help generator owners employ advanced predictive and proactive algorithms to optimize the maintenance process.

Submersible level sensing is the preferred means for the remote monitoring of stored fuel reserves in generators. Real-time fuel data enables operators to schedule refills intelligently, helping realize cost savings, minimize downtime, and monitor fuel consumption trends.

FEATURES

- ▶ Cyber-Secure Communication
- ▶ Over-the-Air Device Configuration
- ▶ Cost-Effective and Scalable Deployment

APPLICATIONS

- ▶ Ensure Backup Power Availability
- ▶ Implement Proactive Maintenance
- ▶ Improve Fuel Supply Management

SENSOR SPECIFICATIONS

A. Vibration Sensor

Range	25.4 mm/s (1 ips). Other ranges available upon request.
Accuracy	2% of full span
Operating Temperature	-40°C to 100°C (-40°F to 212°F)

B. Submersible Hydrostatic Level Sensor

Range	0 – 0.34 bar (0 – 5 psi) included. Ranges of 0 – 0.69/1.0/1.38 bar (0 – 10/15/20 psi) available.
Max. Depth	Submersible up to 140 meters (450 ft)
Accuracy	≤ 0.5% of span
Temperature Compensation	-17°C to 54°C (0°F to 130°F)
Certification	CSA Intrinsically Safe, Class 1, Division 1
Housing	316L SS