

CHAMPION™ REMOTE MONITOR for BOND MEASUREMENT

The Champion™ Monitor is designed as a self-contained wireless remote monitoring unit for bond measurement. The system takes the necessary measurements and transmits them wirelessly to OmniView®, our secure, web-based data management center.

OmniUpdate™

OmniUpdate is OmniMetrix patented technology that performs remote software updates. There is no need to purchase multiple versions of firmware or make periodic field visits to the monitor with a laptop. The Champion's firmware is automatically updated over the air so that all units are always running the latest version.

APPLICATION:

- CP measurements
- Pipe-to-soil - 2 structures
- Bond current magnitude and direction

FEATURES:

- Easy to install
- OmniUpdate™ remote firmware updating
- Wireless to web
- OmniView®, secure website
 - Featuring ScopeView™
- Remotely programmable measure and report interval
- Up to 15-year battery life
- Signal strength displayed on website
- No custom software
- Mobile app for convenient monitoring

SIZE:

- 4" diameter
- Telescoping 89" to 168" long (Transmission model)
- Partial buried 36" to 52" long (Distribution model)

INPUTS:

- Reference electrode
- Bond current shunt
- Structure 1
- Structure 2

BENEFITS:

- CP system extends pipeline lifetime
- Reduces inspection costs
- Leverages extensive cellular or satellite coverage
- Durable polycarbonate enclosure
- Internet delivered alarms and data
- Indefinite data retention

WIRELESS NETWORK:

- LTE cellular
- Satellite availability

SPECIFICATIONS:

- Waterproof design
- Reference electrode (Customer provided)
- **Temp:** -40°C to +70°C
- Sealed enclosure
- ±10 VDC input
- Up to 15-year Lithium Manganese Dioxide battery
 - Based on one set of readings per day, reported weekly

CERTIFICATIONS::

- EMC: FCC Part 15, Class B
- Radio Compliance: FCC Parts 22 & 24
- Safety: UL 60950-1, IEC 60950-1
- Rated Class 1, Div. 2, C&D



SmartStatus CP



OMNIMETRIX
GLOBAL MONITORING + CONTROL

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