

## CHAMPION™ MONITOR for BOND MEASUREMENT

The TrueShield™ 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 Patriot's firmware is automatically updated over the air so that all units are always running the latest version.

### APPLICATION:

- CP Measurements
  - Pipe-to-Soil
  - Bond Measurement
    - 100 mV

### FEATURES:

- Easy to Install
- OmniUpdate™ Remote Firmware Updating
- Wireless to Web
- OmniView®, Secure Website
  - Featuring ScopeView™
- Remotely Programmable Measure and Report Interval
- 10-Year Battery (Replacements available through OmniMetrix)
- Programmable Depolarization Delay: 1-6 days
- Signal Strength Display
- No Custom Software
- GPS Location

### SIZE:

- 4" Diameter
- Telescoping up to 99" Long (Transmission Model)
- Partial Buried (24" Long Distribution Model)



### INPUTS:

- Reference Electrode
- Bond Measurement (2)
- Structure

### BENEFITS:

- CP System Extends Pipeline Lifetime
- Reduces Inspection Costs
- Leverages Extensive Cellular or Satellite Coverage
- Durable Polycarbonate Enclosure
- Internet Delivered Alarms and Data
- Accurate Data Retention

### WIRELESS NETWORK:

- 4G Cellular Digital Radio (2G, 3G Compatible)
- Call about Satellite

### SPECIFICATIONS:

- Reference Electrode (Customer Provided)
- Temp:** -20°C to +70°C
- Sealed Enclosure
- ±10 VDC Input
- 10-Year Lithium Battery
  - (Based on one set of readings per day, reported weekly)

### CERTIFICATIONS:

- EMC: FCC Part 15, Class B
- Radio Compliance: FCC Parts 22 & 24

