

# MILLER Gx DATA-LOGGER

## CP Data Collection made Simple



**TEST SITE  
SURVEYS**



**INTEGRATED  
DIGITAL CAMERA**



**PIPELINE  
SURVEYS**

### FEATURES & BENEFITS:

- Specialty voltmeter tailor made for cathodic protection testing
- CIS, DCVG, and Surface Potential Surveys
- Waveprints and Time Chart Recordings
- Test site surveys (rectifiers, test stations, bonds, atmospherics etc.)... integrated with ProActive software for data storage and reporting
- Hi-res camera and WAAS-enabled GPS receiver built-in
- Full-line of survey equipment accessories available
- Comes in weatherproof hard plastic case for the ultimate in protection



M. C. MILLER -TRUSTED BY CORROSION ENGINEERS WORLDWIDE



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## Included Accessories for both Gx Data-loggers



- Hard plastic carry case
- GPS patch antenna
- A/C charger/adapters
- Vehicle charger
- USB host cables
- Serial cable
- 2 Shrouded test leads
- Excel Survey Download Software



## Key M. C. Miller Voltmeter Characteristics (for test site survey & pipeline survey work)

- **High Voltage Isolation for Operator Safety**  
Tested to 1kV steady-state/15kV transient voltage levels (designed for higher voltage level isolation) – meets the IEC Standard for Category IV environments
- **Analog Pre-Processing & Digital Signal Processing (DSP)**  
Accurate determination of On/Off pair values – voltmeter does not saturate even with superimposed AC signals (up to 120V) and/or inductive spikes (up to 2kV) appearing at the input terminals
- **Fast Response Channels (Ranges) Available**  
80ms response time in combination with high input impedance values (up to 400M $\Omega$ ) – accurate On/Off pair readings during fast cycle current interruption, even under high source resistance conditions

## General specifications:

- Integrated M. C. Miller voltmeter • Integrated GPS receiver (WAAS-enabled)
  - Built-in 5MP digital camera with auto-focus and illumination
  - Serial port available for an external GPS receiver connection, if required
  - 320x240 pixel (3.5 inch) color LCD touch-screen (indoor/outdoor viewing)
- 55-key alphabetic-order keypad • Windows CE 5.0 operating system • Xscale processor (624MHz) • 256 MB SDRAM
  - 2GB SD card (non-volatile memory for survey data storage) • Serial (RS232) & USB outputs • Bluetooth-enabled
- Re-chargeable 5000mAh Li-Ion battery (40+ hours operation) • IP67 rated (1 meter immersion) • Satisfies MIL-STD-810F (wind-blown rain)
  - Meets EN 61000-4-2 standard for electrostatic discharge • Operating temp range: -4°F to 122 °F (-20°C to 50°C)
    - Storage temp range (no battery): -4°F to 140°F (-20°C to 60°C)
    - Dimensions: 12.5"x5.31"x2.31" • Weight: 2.64 lbs



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