

WATCHDOG TRACKER LT™ / LT2™

Remote monitor for test stations and critical bonds

COST EFFECTIVE TESTPOINT AND CRITICAL BOND MONITORING SYSTEM

Retrieving and analyzing CP data along vast pipelines can be difficult and costly, especially for hard-to-access sites. Watchdog Tracker LT™ and LT2™ are the affordable ways to stay on top of regular monitoring of mid-points, end points and bond sites across your entire system. The low investment makes this single-coupon monitor ideal for data collection across the length of your pipeline at a reasonable cost.

- + Measures pipe-to-soil potential and on/off potentials at basic single-coupon test stations
- + Measures current polarity and magnitude for critical bond and voltage potential on both structures
- + Works with galvanic systems by monitoring the supply of current from the sacrificial anode to the structure
- + Programmable over the web
- + 24/7 data access via the Elecsys Connect™ web portal with graph data, trend detection and pipeline integrity assurance
- + Significantly reduce test station and bond site visits
- + Watchdog Tracker LT2 provides discrete monitoring with installation inside a 3" riser pipe

KEY FEATURES:

- + Compact, durable, weatherproof enclosure
- + Pre-configured for simple and easy reporting to ensure compliance
- + 3 modes available based on application or measurement requirements; Test Station, Coupon Test Station, and Critical Bond
- + Affordable cellular communication costs



APPLICATIONS

 Critical bond monitoring	 "Mid-point" test station monitoring	 Galvanic current monitoring	 "ON/OFF" voltage potentials	MAJOR MARKETS + Oil + Gas + Water + Electrical
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POWERED BY

ELECSYS+CONNECT™

Web and mobile data access

Elecsys Connect™ gives you access to all your remote monitoring units (RMUs) in one easy-to-use application. Viewable on a smart phone, tablet, or computer - anywhere you have web access - see what's happening with rectifiers, lift stations, test points and transducers in the field.

SECURE, 24/7 ACCESS TO DATA HELPS YOU MAINTAIN COMPLIANCE AND INCREASE OPERATIONAL EFFICIENCY.

Encryption: Proven end-to-end security following NIST guidelines

Backups: Daily backups stored in multiple data centers in various locations

Firewall: Active monitoring and authentication of dual data flow

Server/System Access: Protecting data through secure personnel and access rights

Reliability: 99.995% uptime monitoring 100,000+ endpoints

Physical/Environmental Safeguards: State-of-the-art facilities protect data

**REGULAR
MONITORING AND
REPORTING FROM
ALL ACROSS THE
PIPELINE MAKES
THIS A GREAT
VALUE.**



PRODUCT SPECIFICATIONS

Communications	+ Digital cellular		
Input Connections	+ Structure 1 (pipeline) + Reference cell + Protected coupon (in test station mode) or Structure 2 (in bond mode) + Bond Shunt + / Bond Shunt -		
Measurements	Type	Range	Resolutions
	DC potential (structure 1 to reference)	-5V to +3V	1mV
	AC potential (structure 1 to reference)	0 - 30VAC	10mV
	DC potential (structure 2 or native to reference)	-5V to +3V	1mV
	AC potential (structure 2 or native to reference)	0 - 30VAC	10mV
	Protected coupon "instant off" (coupon to ref.)	-5V to +3V	1mV
	DC bond shunt current (across external shunt)	-150mV to 150mV	0.1mV
Power	+ Lithium battery (3-5-year life under normal conditions and operating parameters)		
Operating Environment	+ Temperature: -30°C to +70°C + Humidity: 0-95% non-condensing + Enclosure: NEMA 4X polycarbonate		
Size	LT	+ 4.8" (12.2cm) x 4.5" (11.5cm) x 4.1" (10.5cm)	
	LT2	+ 11.5" (29.21cm) x 2.5" (6.35cm) x 2" (5.08cm)	
Installation	LT	+ Built-in mounting tabs for mounting to post or junction box; + Adapter for mounting on top of a 3" riser; + 7' (2.1m) color coded connection cable	
	LT2	+ Mounts inside a standard 3" riser or can be attached to any durable surface with bolts or screws and built-in mounting tabs	



To learn more, please visit us at lindsay.com/elecsys or call 913.647.0158

Manufactured in the USA | 846 N. Mart-Way Ct. Olathe, KS 66061 | 913-647-0158 | [LINDSAY.COM/ELECSYS](https://lindsay.com/elecsys)

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