



AVOID THE PRICE VS. PERFORMANCE PITFALL

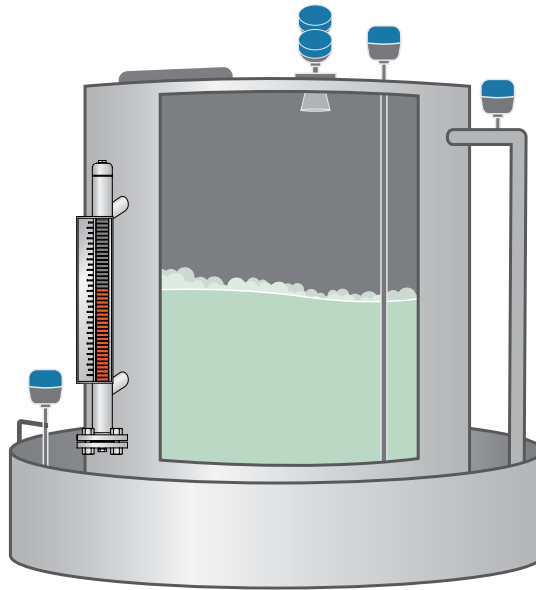
- Profit from the features & functions of superior level technologies at an economical price
- Convert traditional Capacitance & Ultrasonic instruments to Radar – the fastest growing level technology
- Enhanced functionality and feature set for superior customer value
- Magnetic Level Indicators (MLI) constructed of non-magnetic alloy or plastic to replace problematic sight glass gauges
- SIL Certified and Suitable instrumentation for your SIS installations
- Reliable transmitters and switches which meet Class I, Division 1/2 hazardous areas

OUR GOAL

To provide customer-centric application solutions with best-in-class technologies that optimize performance and productivity gains.

magnetrol.com

The Right Chemistry for Level Control



Multi-Technology Approach

Not all applications and areas of industrial plants are created equal. As such, the instrumentation should meet application specifics without sacrificing advanced features for the sole purpose of economics.

The process is fairly straightforward: reduce spend by purchasing lower cost instrumentation that meet the basic requirements of a 'general purpose' or 'hazardous' location. More often than not, this is accomplished by compromising performance, ease-of-use, or enhanced functionality in order to come in under budget. When that occurs, one ends up with an uninspired instrument designed specifically from a cost reduction perspective.

Magnetrol is changing this customer experience. We've taken our most advanced instrumentation technologies, designed to meet the harshest application extremes, and packaged them into feature rich, economical platforms. Enjoy the performance of our most advanced features without sacrificing the entire budget.

Maintain a competitive edge with economical, high performance instrumentation to cost effectively manage plant processes and production efficiencies

- Level economics that work for all of our customers: OEM / Fabricator; EPCs and plant operations
- A diverse range of level technologies that enhance performance and minimize down time
- A multi-technology approach to solving your most challenging applications: foaming; agitation; interface; viscosity; high/low level and flow monitoring
- Safely optimize production throughput by better managing tank inventories and eliminating potential overflow and carryover.
- Convert traditional level instrumentation to more modern, sustainable and easy-to-use technologies.



LEVEL TECHNOLOGIES THAT DRIVE CUSTOMER VALUE

- Vector™ Magnetic Level Indicator (MLI) for enhanced process visibility
- Model R82/Pulsar® Model R86/R96 Non-contact Radar
- Eclipse® Model 700 Guided Wave Radar
- Echotel® Models 910, 940, 961 & 962 single- and dual-point ultrasonic gap switches for easy, reliable plug-and-play performance with diagnostic feedback
- Thermanel® Model TD1 & TD2 Switches for point level, low/high flow cutoff and foam/interface applications





Level Technologies that Drive Customer Value

GWR Performance Competitive to Capacitance



COST	START-UP	OPERATION	MAINTENANCE
Competitive GWR pricing with hazardous approvals and SIL certification	No calibration or moving of levels with pre-configuration available	Unaffected by process dynamics: pressure, temperature, coating & specific gravity	Robust diagnostic & troubleshooting support with predictive buildup detection

Non-Contact Radar Competitive to Ultrasonic



COST	VERSATILITY	OPERATION	FAMILIARITY
Radar performance at the price of an ultrasonic transmitter	Easy installation & configuration for a wide range of applications.	Manage the typical process conditions such as vapors and turbulence	Reduce training while increasing safety by utilizing Radar across the application spectrum

Ultrasonic & Thermal Dispersion Switches



COST	VERSATILITY	EASE OF USE	DIAGNOSTICS
Replace float-based and tuning forks with more versatile technologies	HL/LL alarm with metal, plastic & dual-point probes. Interface/foam detection	Simplified installation with minimal or no calibration to reduce commissioning time	Self-tests and advanced diagnostics allow visibility into the switch health and operation

Magnetic Level Indicators to Replace Sight Gauges



COST	SAFETY	EXPANSION	MAINTENANCE
Economical non-magnetic alloy and plastic MLIs based on design requirements	Reduce sight glass erosion & fatigue, gasket leakage and fugitive emissions	Bolt-on transmitters and switches to provide output, diagnostics and redundancy	Eliminate costly sight glass repair kits, time-intensive labor and process downtime

**Magnetrol is changing the customer experience.
Enjoy performance without sacrificing the entire budget.**

GLOBAL OPERATIONS

Magnetrol is comprised of multiple world-class centers of excellence and is supported by an extensive network of service and channel partners. We don't only sell instruments, we support them.

QUICK SHIPMENTS

When time is of the essence, our Expedited Shipping (ESP) and OrionXpress programs provide mission critical support for shutdowns, turnarounds and day-to-day operations.

DIRECT SALES & CHANNEL PARTNERS

By partnering with the very best Sales and Service Representatives, we provide an unbeatable combination of process industry and applications expertise as well as local, hands-on support.

CONTACT US

Contact us for more information on any of our services or to request a consultation:
630.969.4000 or
turnarounds@magnetrol.com

magnetrol.com



705 Enterprise Street • Aurora, Illinois 60504-8149 USA
630.969.4000 • info@magnetrol.com • magnetrol.com

Copyright © 2020 Magnetrol International, Incorporated

BULLETIN: 41-247.0
EFFECTIVE: October 2020