

Cost Effective Alternative to Displacer Level Measurements for Refinery and Petrochemical Applications

Displacer's often provide inaccurate results combined with High Maintenance

THE PROBLEM

- Displacer accuracy is dependant on the specific gravity of a fluid. Varying specific gravities and "off spec" product result in significant measurement errors.
- Coating build-up on the displacer body produces errors.
- "Blowdowns" to clean displacer internals and cages is time consuming and expensive.
- Rebuilds due to component wear add significantly to the total cost of ownership.
- Interface measurements are more sensitive to slight specific gravity variances and result in separator throughput lower than the design specification.

THE SOLUTION

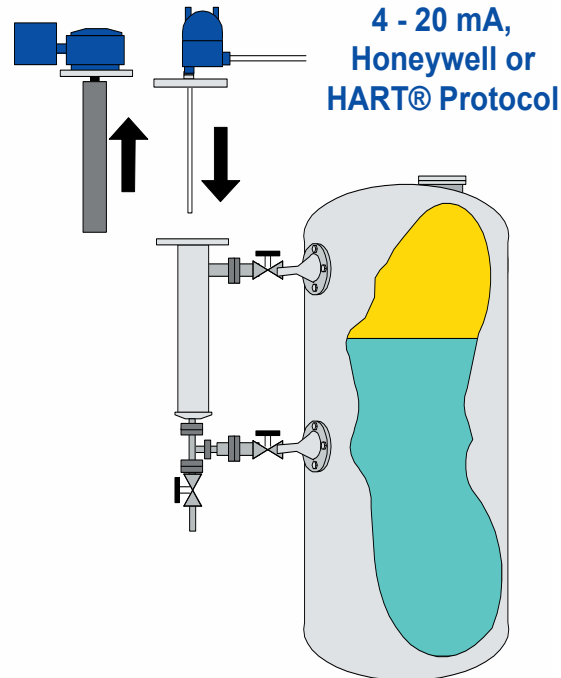
- AMETEK Drexelbrook Radio Frequency (RF) Admittance technology eliminates all of the inherent problems with Displacer technology level measurement.
- RF is immune to changes in specific gravity, density, temperature, and pressure.
- Accuracies to ¼ inch of level in short span installations.
- No moving parts to wear, No periodic maintenance.
- Replacement cost differentials covered by eliminating one rebuild.

Other Solutions:

- | | | | |
|-----------------------|-----------------------|-----------------------------|-------------------------|
| • Amine Storage | • Cat Cracker Tower | • Caustic Storage | • Molten Sulfur |
| • Ammonia Storage | • Acid | • Phenol | • Coalescer |
| • Sour Water Stripper | • Distillation Towers | • Propane / Butane | • Oil / Water Interface |
| • Vacuum tower | • LNG | • Acrylate / Acid Interface | |

Typical Uses:

- | | | |
|----------------------------|-----------------------|-------------------------|
| • Continuous Level Control | • Point Level Control | • Waste Management |
| • Inventory Management | • Overfill Protection | • Regulatory Compliance |



Easily Retrofit from Displacer to RF Level Technology

U.S.A. Sales: 800-553-9092 • 24-Hour Service: 800-527-6297 • International Support: 215-674-1234 • Fax: 215-674-2731

AMETEK®
DREXELBROOK

205 Keith Valley Road
Horsham PA 19044 U.S.A.

E-mail - drexelbrook.info@ametek.com

Web - www.drexelbrook.com

AMETEK Nihon Drexelbrook
2 Chome • 12-7 Minami Gyotoku
Ichikawa City • Chiba 27201 Japan
Phone: 81-473-56-6513
Fax: 81-473-56-6535
E-mail: nd@nihon-drexelbrook.co.jp

AMETEK Singapore Pte. Ltd.
10 Ang Mo Kio Street 65
#05-12 Techpoint • 569059 Singapore
Phone: 65-6484-2388
Fax: 65-6481-6588
E-mail: aspl@ametek.com.sg

AMETEK Precision Instruments Europe
Rudolf-Diesel-Strasse 16
D-40670 Meerbusch Germany
Phone: 49-2159-9136-0
Fax: 49-2159-9136-39
Web: www.ametek.de