

## Continuous Level Measurement Solutions for De-Ionized Water Indication and Control

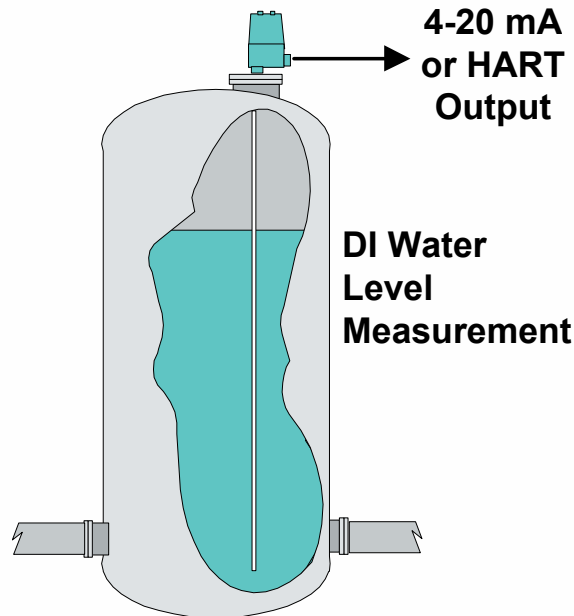
**De-Ionized Water (DI Water)  
Level Measurement and Control  
requires an understanding of  
the measurement parameters  
and level technology approach.**

### THE PROBLEM

- DI Water conductivities can range from 1 – 10 micromhos / microsiemens.
- Simple Capacitance level systems “drift” with normal variations in DI water conductivity.
- Conductance technologies are “fooled” by the extreme low conductivity of DI Water.
- Many contact technologies contaminate the DI Water by using a bare metal sensor that can add unwanted ions to the DI water.

### THE SOLUTION

- Drexelbrook RF systems will accurately, reliably and repeatedly make DI Water measurements without “drift” by the correct selection of 3A approved Teflon covered sanitary sensors and electronic module selection.
- Unaffected by variations in DI Water conductivity.
- Drexelbrook has successfully made this difficult measurement for over 40 years in the medical, pharmaceutical and biotech industries.



**3A Approved with Sanitary  
sensors, Tri-Clover mounting,  
Integral or Remote  
electronics.**

### Other Solutions:

- |                  |                    |                     |             |
|------------------|--------------------|---------------------|-------------|
| • DI Water       | • Interface Level  | • Basket Centrifuge | • WFI Water |
| • Batch Reactors | • Sanitary designs | • Mixing            | • Solvents  |
| • Fermentation   | • Clean-in-Place   | • Blending          | • Acids     |

### Typical Uses:

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

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](mailto:drexelbrook.info@ametek.com)

Web - [www.drexelbrook.com](http://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](mailto: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](mailto: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](http://www.ametek.de)