

BOTTLED WATER INDUSTRY

SAFE AND RELIABLE LIQUID ANALYSIS

Comprehensive Liquid Analytical Solutions

Americans consume more than 9.1 billion gallons of bottled water annually - an average of twenty-nine gallons per person every year. That presents a tremendous opportunity to suppliers that can efficiently produce quality water.

Emerson brings a complete slate of measurement and analysis solutions to bottled water production that can improve water quality and safety while keeping production costs in line. With combined knowledge of water analysis, and design and systems integration, Emerson experts can give you:

- > Continuous monitoring of water quality
- > Confidence in the quality of water throughout your process and plant-to-plant
- > Systems that are cost-effective, dependable and user-friendly

And we do it all while meeting or exceeding regulatory requirements. Plus, our global presence enables us to optimize your process virtually anywhere in the world.

Emerson will configure a water monitoring system to meet your exact requirements. Choose multiparameter models for measuring pH, ORP, conductivity or turbidity – all in one simple-to-use “plug and plumb” package. And single-point designs are also available for applications where just one parameter needs to be measured. Because your Emerson system is built from proven solutions-based technology, you get a highly customized solution at an off-the-shelf price.



Let Emerson build the perfect system for your operation's exact requirements

3900VP pH sensor

Enhanced performance and increased life provided by field proven AccuGlass pH glass formulation. Extended sensor life provided by double junction reference.



499AOZ Ozone Sensor

Ozone is frequently used for sanitizing in bottling and food processing plants. The 499AOZ sensor continuously determines the concentration of dissolved ozone to help optimize the purification process. The 499AOZ is a membrane-covered amperometric sensor.



T1056

The Clarity II turbidimeter is intended for the determination of turbidity in water. Low stray light, high stability, efficient bubble rejection, and a display resolution of 0.001 NTU make Clarity II ideal for monitoring the turbidity of filtered drinking and bottled water.



400 Conductivity Sensor

Conductivity sensors monitor the effectiveness of RO or ion exchange by measuring the salts remaining after treatment. Adding a conductivity sensor to the RO feed water allows calculation of percent rejection or percent passage – important gauges of membrane performance.



facebook.com/EmersonRosemountAnalytical



AnalyticExpert.com



twitter.com/RAIhome



youtube.com/user/RosemountAnalytical

Emerson Process Management

2400 Barranca Parkway
Irvine, CA 92606 USA
Tel: (949) 757-8500
Fax: (949) 474-7250

RosemountAnalytical.com

LIQ_ADS_Water_Bottled Rev. A

More information for Rosemount Analytical solutions can be found at:

56 product page: 56.railiquid.com

T56 Clarity II™ Turbidimeter: www2.emersonprocess.com/en-US/brands/rosemountanalytical/Liquid/Systems/T56/Pages/index.aspx

FCL, MCL, and TCL Chlorine Measuring Systems: www2.emersonprocess.com/en-US/brands/rosemountanalytical/Liquid/Sensors/Chlorine/Pages/index.aspx

©2013 Rosemount Analytical, Inc. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. Brand name is a mark of one of the Emerson Process Management family of companies. All other marks are the property of their respective owners.

The contents of this publication are presented for information purposes only, and while effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice.