

April 15<sup>th</sup>, 2011



## Subject: Release of New Thermo Scientific Orion 2230 Silica Analyzer

Dear Valued Thermo Scientific Customer,

We are pleased to introduce the new Thermo Scientific Orion 2230 Silica Analyzer. The new analyzer optimized for any application that requires early detection of low-level and high-level silica along with everything in between. The new Orion 2230 silica analyzer has been designed to be easy-to-use and cost effective to operate in a wide variety of applications. In industries such as power, semiconductor, chemical and pharmaceutical, the Orion 2230 Silica Analyzer is the perfect choice. Along with being an economical and simple to use silica analyzer the Orion 2230 was also produced with the end user in mind and includes some of the best features and benefits on the market today making this an easy choice for silica monitoring.

### Benefits of the Orion 2230 Silica Analyzer:

- Low reagent consumption through an optimized fluidics box: The Orion 2230 Silica Analyzer is designed for low reagent consumption and has the lowest requirement of any analyzer on the market today.
- Wide range of detection (0 – 5000ppb): Thanks to its detection range the 2230 is capable of handling a wide range of applications. Anything from high level incoming water to trace detection on mixed resin beds.
- Reduced maintenance through easy and intuitive kits: The Orion 2230 Analyzer is also designed for easy maintenance through simple and intuitive maintenance kits giving it a low cost of ownership and high system reliability.
- Smallest complete system footprint: With a size of 27 inches x 15 inches x 6 inches (including reagents) no other Silica analyzer can compete when it comes to size and easy of integration.
- Easy and intuitive menu system: No more guessing when it comes to what menu you're in or what function you're your trying to get to. Thanks to a plain English interface and intuitive menu structure the 2230 is as easy as it gets.
- Large easy to read display: The Orion 2230 Analyzer has a bright backlit display with a high contrast UI and process values for viewing at any angle and a distance.
- Single button operation: The Orion 2230 Silica Analyzer comes ready to run right out of **the box**. It's as easy as pressing *one* button.



### Availability

The Orion 2230 is available to order as of May 1<sup>st</sup> 2011.

### Analyzer:

Part Number	Description
223000	Orion 2230 Process Silica Analyzer

### Solutions:

Part Number	Description
2230RE	Reagent Kit, 1 month, 1 Liter, 3 boxes
223020	200 ppb Calibration Std, 0.5 L, 1 month
223002	20 ppb Calibration Std, 0.5L, 1 month
223010	100 ppb Calibration Std, 0.5L, 1 month
223030	1000 ppb Calibration Std, 0.5L, 1 month

### Accessories:

Part Number	Description
2230MK	Maintenance Kit for 2230 Silica
2230TK	Main Tubing Kit

### Conclusion:

Thermo Scientific has been an industry leader for over five decades in the power industry and continues to lead through innovation and dedication to providing reliable and high quality instrumentation. We are very excited about the Orion 2230 Silica Analyzer and hope you will also share in our excitement by bringing it to your customers.

If you should have any questions please feel free to contact KS TAN @ [kstan@le.com.my](mailto:kstan@le.com.my)

Sincerely,



**KS TAN**  
Sales Manager