

Press Release For Immediate Release

February 20, 2015 - Hydranautics Releases New **IMSDesign-2015** Software

Hydranautics, leaders in the field of Integrated Membrane Solutions, announce release of IMSDesign-2015 and ROData XL.

IMSDesign-2015 (Integrated Membrane Solutions Design) is the latest version of Hydranautics membrane projection software, an advanced sizing tool that meets the most demanding needs of the membrane professionals. ROData XL is an easy to use normalization program that tracks performance of RO / NF systems to assure trouble-free operation.

In the latest IMSDesign-2015 software, Sophistication meets Simplicity. This program is an advanced and powerful tool developed using Microsoft's .NET Technology, it offers enhanced program features, improved graphics and includes new features which enhance the user's ability to quickly and accurately design and analyze membrane based systems.

Some of the new features of IMSDesign-2015 are as follows.

- Multiple language user interface with easier membrane data entry for our global customers. Screen Previews & quick calculations can be performed using different membranes while membranes are being selected.
- Option to mix 3 different membranes in a first stage pressure vessel in the Hybrid Designs feature commonly used in seawater RO designs.
- Incorporation of Calcium Phosphate and Calcium Fluoride in the Saturation Indexes.
- Dynamic Floating Block Diagram renders real time block diagrams highlighting effects of any changes in the system configuration.
- A detailed Flow Diagram that shows all streams and displays their flows, pressures, permeate TDS, and two user selected parameters like pH, conductivity, a specific ion, etc.
- Improved Printouts for projections which now include the energy usage of each design, pressure drop of each stage and a user selected specific ion.

- Addition of Custom ions like Cu, Co, Mn, Cr, Ni, Mo, Ag, Al, Pb, Zn, Ra and U and Fe for waste water applications and for the Metal Finishing & Electroplating industry.
- Improved Temperature and Pressure Correction Factors for more accurate performance projections.

The ROData XL is a spreadsheet which integrates proven normalization equations with the power and versatility of Microsoft EXCEL. Designed with user-friendly forms and controls as well as automatically updated performance graphs, ROData XL makes it easy to track RO system performance. The program can also be modified and customized by any user familiar with Microsoft EXCEL, making ROData XL one of the most flexible and user friendly normalization programs in the industry.

As the demand for timely and relevant data continues to grow, Hydranautics and Nitto are committed to providing its customers the most advanced and accurate membrane projection software.

For more information on our various solutions click on www.membranes.com, or send an email to info@hydranautics.com

About Hydranautics

Hydranautics is a part of the Nitto Group and one of the global leaders in the field of Integrated Membrane Solutions. Hydranautics offers complete membrane solutions like Reverse Osmosis, Nanofiltration, Ultrafiltration, and Microfiltration for Water, Wastewater and Process treatment and applications. Hydranautics membrane based solutions are currently in use on seven continents throughout the world for diverse applications such as Seawater Desalination, Industrial High -Purity Water, Surface Water Treatment, Waste Water Treatment, Specialty Process Applications etc. Our Global Membrane Division is headquartered in Oceanside, CA, USA and we have 3 state-of-the-art manufacturing sites located in Oceanside - USA, Shiga - Japan and Shanghai – China. For further information on Hydranautics, kindly visit our website www.membranes.com

About Nitto

Nitto is Japan's leading diversified materials manufacturer. Founded in 1918, Nitto's strength is the ability to add diverse functionality to sheets, films and other materials using core technologies such as polymer synthesis, adhesion and coating technologies. The group offers over 13,000 high value specialty products worldwide including optical films for liquid crystal displays, automotive materials, reverse osmosis membranes for desalination and transdermal drug delivery patches. For further information on Nitto, kindly visit our website www.nitto.com

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