

## FOR IMMEDIATE RELEASE

# Hydranautics launches the PRO series – Specialty Membrane Products to Treat Industrial Wastewater

Hydranautics, the global leader in membrane technology has announced the launch of an entirely new range of specialty membranes: the **PRO series**. In today's scenario of water scarcity and stringent environment regulations, the PRO series is the best ensemble of robust RO-NF membrane solutions for treating challenging industrial wastewaters.

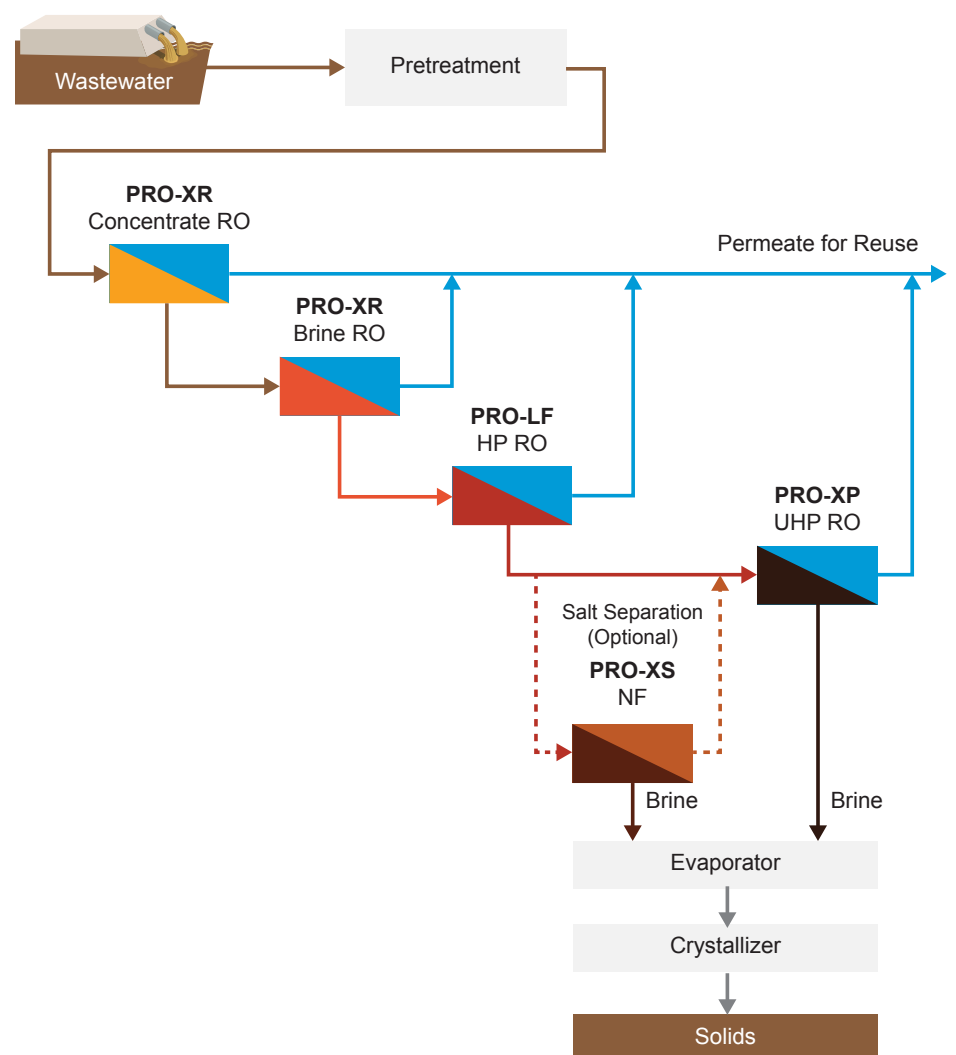
This series is specifically designed to address the key challenges faced by wastewater treatment plants and help companies to achieve their Minimum Liquid Discharge (MLD) and Zero Liquid Discharge (ZLD) commitment. The PRO series comprises the PRO-XR, PRO-LF, PRO-XS, PRO-XP and PRO-XT products with distinct key features such as high chemical tolerance, high fouling resistance, extra ion selectivity and the ability to operate at high feed pressure.

**PRO-XR** has the best combination of high rejection and high flow capability at low pressure which is useful in industries where high-purity water is critical like power generation, electronics, semiconductor and pharmaceutical. **PRO-XS** is a series of NF membranes with high ion selectivity designed for salt separation to achieve more purified salt streams for either salt extraction or recycle in industries like coal-to-chemical, textile and tannery.

**PRO-LF** is a neutrally charged membrane having a hydrophilic coating which helps reduce the mean time between cleanings and decrease the system downtime leading to more productivity.

**PRO-XT** are ultra-high temperature RO membranes, which are exclusively designed for industrial applications with high temperature and are used to treat high fouling or chemically aggressive process feed streams.

**PRO-XP** is an ultra-high-pressure RO membrane with the ability to operate at feed pressures up to 1800 psi (12.4 MPa). With its ability to reduce the brine volume significantly, it plays a very important role in downsizing the evaporator used in a ZLD system and increases its overall efficiency.



All PRO series membranes can be tailored to provide innovative and sustainable solutions to meet the challenges and issues faced by your plants. While all the PRO series membranes are available, the PRO-XP will be available from December 2019 onwards.

For more information, please call 1-800-CPA-PURE, visit [www.membranes.com](http://www.membranes.com) or send an e-mail to [hy-info@nitto.com](mailto:hy-info@nitto.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](http://www.membranes.com) or send an e-mail to [hy-info@nitto.com](mailto:hy-info@nitto.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](http://www.nitto.com)