

AVANTech Awarded Reverse Osmosis System (ROS) Pilot

AVANTech, Inc. has received a purchase order and delivered a pilot system for Hydranautics. The ROS Pilot will be a multifunctional pilot or clean-in-place (CIP) test system, which effectively simulates full-scale ROS or (CIP) processes.

The treatment process is based on the use of a single eight-inch diameter spiral wound element operated with or without concentrate recycle. Permeate production capacity will range up to 5 gpm. The ROS Pilot has an integral Feed Tank that can be used for feed water and for clean-in-place testing of ROS elements. Primary components of the skid mounted ROS Pilot include the feed tank, chemicals injection pumps, booster pump, cartridge filter and spiral wound RO housing, as well as all the instrumentation required for system operation and monitoring. These systems will be utilized by Hydranautics to assess and aid



clients in support of their membrane applications. "We are delighted to aid Hydranautics and their clients in determining the membrane type and operational parameters that most effectively meet their processing goals." stated AVANTech Vice President Steve Gagnon.

AVANTech is a design-build company with a commitment to providing service second to none! AVANTech was founded in 1999 and has expanded its business by applying the exceptional talents of its technical and manufacturing team. AVANTech's approach to facility integration makes us uniquely qualified to provide turnkey services. Our personnel have extensive experience in the planning, design, manufacturing and operation of water-treatment systems for industrial and government clients. AVANTech technologies have enabled clients to meet a wide variety of processing goals including; selective contaminant removal, ultrapure water production and zero liquid discharge operations.

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