

ROSEDALE PRODUCTS INC.

Portable Filtration System

Features

- Quick-opening clamp covers require no special tools and help reduce time spent cleaning or replacing bags
- Carbon or stainless steel housings
- Large-area bag and basket for greater dirt-holding capacity
- O-ring seals: Buna® N, EPR, and Viton®
- 125 psi-rated housing
- Basket material is compatible with housing
- Uses standard number 12 size bags with surface area of 5.6 square feet
- 1-inch NPT ports
- Air-operated double-diaphragm pump
- Polypro pump (optional)
- Side-entry design prevents contaminant bypass around filter bag as well as spills and messes when opening
- Cart has built-in drip pan and 9-inch air-filled tires
- Compressed air filter/regulator
- 10-foot inlet/outlet hoses with quick-disconnect couplings
- 25 gpm flow rate
- Four-wheel cart optional
- Two-wheel hand-truck system with high-flow, industrial-quality centrifugal pump provides means for pre-filtering and transferring fluids quickly and economically
- Easily movable, holding tank to reservoir or drum to tank
- Ideal for controlling particulate problems before they damage critical production equipment

Applications

Portable filter cart (PFC) systems can be used with coolants and other fluids with viscosities of 300 ssu or less that are compatible with aluminum and steel. Most new fluids are unfit for use in hydraulic and lube systems. Contamination enters the fluid during processing, mixing, handling, and storage. Solid particulate may be present in unacceptable levels. PFCs are the ideal means of pre-filtering and transferring these fluids. With a ½-horsepower motor and bag filter housing, this two-wheel hand truck system is used for fluids with viscosities of 300 ssu or less.

Rosedale Products, Inc. is a leading technology developer of liquid filtration systems and waste minimization products. We have a vast product line and the flexibility to customize standard products. Our knowledgeable sales staff provides customers with the best filtration solutions in the industry. Our most popular products are bag filters, pleated cartridge filters, and basket strainers.



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Showstopper**PRUFTECHNIK
ROTALIGN Touch**

With ROTALIGN® touch, alignment trend is fully integrated into your asset management and condition-based maintenance programs. ROTALIGN touch achieves optimal machine performance and product quality. Its features include Softfoot diagnosis, thermal growth trending, and vibration spot check to measure overall values, vertical machine alignment, and cardan shaft alignment.

Its tablet-like touchscreen with 3D display enables a fully intuitive and visual work sequence. Additionally, the device includes a 5 Megapixel camera, RFID system, and a Cloud-based alignment structure. The RFID reader allows unique identification of each machine and facilitates retrieval of its last alignment file stored on the ROTALIGN touch computer. The built-in camera lets users customize reports with photos. The onboard WiFi and Bluetooth feature enables devices to send measurement results back from any location directly via the Cloud.



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Showstopper**PULSAFEEDER
Eclipse Rotary Gear Pump**

Eclipse is the industry's leading rotary gear pump that is used for a wide variety of water and wastewater treatment applications. With twelve different metallic and non-metallic pump models, the Eclipse family addresses a wide variety flow ranges and connection types for chemical feed water treatment applications. Each member of the Eclipse series is magnetically driven, with no seals to wear or replace, providing safe and leak-free handling for a wide range of chemicals and corrosive fluids across a broad range of temperatures.

Visit Pulsafeeder in Booth # 834 and take the Eclipse Part Replacement Challenge, to see how quickly and easily you can replace parts in an Eclipse gear pump.



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Showstopper

GAS CLIP TECHNOLOGIES

Multi Gas Clip Simple

Assessing the risk of exposure to toxic and explosive gases in confined spaces has many challenges today. Having a durable and dependable portable multi gas detector that is simple-to-use and simple-to-maintain can help meet those challenges.

RUNS FOR TWO YEARS ON ONE CHARGE

The Multi Gas Clip Simple, a maintenance-free two-year four-gas detector by Gas Clip Technologies, utilizes advanced low-power Photometric Infrared Sensing Technology to simplify the detection of gas hazards. This new, one-button operation, detector clips on and detects continuously for two full years with no charging, no battery or sensor replacement, and no need for calibration.

WORKS IN OXYGEN-DEPLETED ENVIRONMENTS

Photometric Infrared Sensing Technology in the Multi Gas Clip Simple allows the detector to always provide an accurate gas reading in oxygen-enriched or oxygen-deficient environments.

LOWER MAINTENANCE COSTS AND DOWNTIME

Eliminate costly maintenance and downtime due to replacement of broken or deteriorated LEL sensors. The Multi Gas Clip Simple's durable infrared LEL sensor contains no fragile bead with filament to break or burst. The sensor is also not susceptible to poisoning over time when exposed to typical sensor poisons such as H₂S or silicones. Even when used under the harshest of conditions, and through multiple bump tests, it continues to maintain its integrity saving maintenance time and expenses throughout the life of the detector.

Stop by our booth #5558 at WEFTEC to find out how the Multi Gas Clip Simple can meet your gas detection challenges.

For more information, visit
www.gascliptech.com.



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Showstopper

GRIFFCO VALVE, INC.

Pulsation Dampeners for Chemical Feed Systems

Griffco pulsation dampeners are designed to enhance the performance of the chemical feed systems by reducing harmful shock waves and delivering continuous chemical dosage at the injection point. Available worldwide from Griffco Valve and its distributors, these pulsation dampeners offer high reliability at a competitive price. In an initial release, nine volumetric sizes are offered ranging from 6.0 to 125.0 cubic inches with a dampening effect of +2.5 percent. For more information and to download a product bulletin, visit www.griffcovalve.com.

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*Showstopper*

SKF USA INC.

TKSA 71 Shaft Alignment Tool

The new SKF TKSA 71 shaft alignment tool is uniquely designed in a compact and durable package to deliver precise measurements for a range of alignment tasks in harsh industrial environments. This versatile tool functions quickly and intuitively using six dedicated software apps tailored for different alignment jobs. The tool ultimately achieves superior alignment performance in demanding conditions by providing high measurement accuracy and excellent protection against dust and water. All six apps feature comprehensive automatic reports, export and sharing options, instructional videos within the app, built-in tolerance guidelines, 3-D live view, disturbance compensation, and fully functional demonstration mode. For more information, visit www.skfusa.com.

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JWC ENVIRONMENTAL

Wipes Ready Technologies

JWC Environmental (JWC) has been awarded the prestigious Innovative Technology Award by the Water and Environment Federation (WEF) for its Wipes Ready Technologies. This advanced sewage grinder technology, available exclusively on the company's Muffin Monster and Channel Monster products, is helping wastewater professionals worldwide combat the problems caused by disposable wipes products.

In 2013 JWC Environmental took up the challenge of eliminating wipes related sewage pump clogs. The goal was to stop forcing operators to spend hours unclogging and rebuilding wipes plagued pumps that have broken down, only to have this problem repeat itself in a few weeks or even days. After extensive development and testing JWC introduced its Wipes Ready Technologies in late 2014.

Since the 2014 release of the Wipes Ready Technologies JWC has partnered with municipalities around the world to install hundreds of Muffin Monsters and Channel Monsters equipped with the new features. Due to technology's ability to cut wipes in such a manner that keeps them from forming pump killing rag balls the results have been nothing but fantastic. Utilities are reporting pump systems that faced weekly clogs have not fouled in nearly two years. Others are reporting lower pumping related energy costs due to pumps staying free of debris and working more efficiently.

JWC Environmental will be highlighting the company's Wipes Ready Technologies along with all of its other solutions for municipal and industrial wastewater at WEFTEC 2017 exhibition, October 2-4 in Chicago.

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For more information, visit www.jwce.com.

*Showstopper***ALL-TEST PRO****ALL-TEST Pro 5™**

The ALL-TEST Pro 5™ is the only de-energized, non-destructive, instrument you need for complete electric motor health analysis... in minutes!

- Complete stator and rotor analysis: detect faults in low-, medium-, and high-voltage AC and DC motors, transformers, and generators
- Auto diagnosis within the AT5™: obtain an immediate health status report, on the spot
- On-screen guidance eliminates need for instruction guide or manual
- Trending and reference testing: baseline and subsequent tests on individual motors are stored in the AT5™ for immediate, on-the-spot indication of any motor health changes to prevent unanticipated downtime
- Route-based testing option included: reference testing and trending on preconfigured list of motors. Results can be uploaded and downloaded for trending, reporting and comparison with other historical data.
- Testing can be performed from distances of 1000+ feet, from motor control center, for inaccessible or hard-to-reach motors
- Extensive and thorough data analysis using proprietary algorithms provides comprehensive health reports on motor health, including bad connections, winding and turn faults, air gap, broken bars, contamination and ground faults
- Easy to use, lightweight and portable



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*Showstopper***NEPTUNE****Metering Pumps, Feed Systems, and Injection Accessories**

When it comes to pumps and components for your water and wastewater treatment applications, Neptune™ DOES IT ALL! As the leading provider of chemical metering pumps, chemical feed systems, and chemical injection accessories, Neptune can provide you with the right solution for all your difficult water and wastewater applications, including hydraulic diaphragm pumps, mechanical diaphragm pumps, solenoid actuated pumps, peristaltic hose pumps, tanks, portable mixers, and accessories such as relief valves, backpressure valves, injection quills, and corporation stops. Additionally, Neptune is backed by a UL 508 certified control panel shop located in North Wales, Pennsylvania, USA. Whether you are in need of a complete chemical feed system or just a few chemical feed components, Neptune has you covered. To learn more about all of Neptune's innovative products, please visit www.neptunel.com or visit us in booth 4423 at WEFTEC 2017.



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CALIFORNIA MOTOR CONTROLS

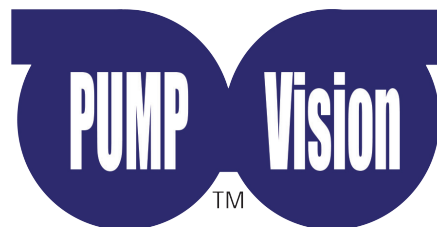
PUMP Vision PV1200 Universal Pump Controller

With our new PV1200 Universal Pump Controller, we have combined these three applications into one easy to use, cost effective controller without compromising features or functions. All three operating modes (Level, Pressure, or Well) share much of the same program and offer full pump station management including PUMP Vision pump control, MOTOR Vision remote monitoring, SCADA Vision communication capability, and data logging.

The PV1200 is more than just a level controller. Not only does it operate just about any lift station application known, with MOTOR Vision it can closely monitor power conditions of the motors and preempt failures by alerting maintenance personnel of impending problems. And because of the built-in communication and email capabilities, and the ability to monitor pump station peripherals such as intrusion, generator status, and more, the PV1200 fills the task of pump station RTU. Add the extensive data logging capabilities and the PV1200 is a complete Pump Station Manager.

The Pressure Booster controller is designed to provide a constant pressure with variable flow conditions. By incorporating all of the latest energy saving technologies such as variable speed drives, sensorless no flow shutdown, and seamless sequencing of multiple pumps, the PV1200 provides a solid performance under extreme swings in operating conditions.

The PV1200 brings all of the operation and protection capabilities typically reserved for municipal pump stations to the agricultural and domestic well market that has historically had "bare bones" controls at remote installations and no communication to the outside world. We now have a cost-effective monitoring and control solution available for well pumps, too!



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For more information, call **707.746.6255**
or visit **www.cmcontrols.com/PUMPVision**

Showstopper

CRANE PUMPS & SYSTEMS

Blade Grinder pumps

Crane Pumps & Systems, a Crane Co. Company, is excited to announce the launch of their high head grinder pump line BLADE. Backed by the dependability and longevity of the Barnes reputation in submersible pumping, BLADE grinder pumps are the newest Barnes solution to high head waste water grinding applications in commercial and municipal environments.

BLADE XGV grinder pumps are available in 3-, 5-, 7.5-, 10-, and 15-horsepower explosion proof models with 2-, 2.5-, and 3-inch discharge sizes. BLADE XGV grinder pumps have valuable features including plug-n-play "quick connect" cords, rugged mechanical seals and oversized lifting bails.

Efficient operation of the Barnes Slicerator™ radial cutting technology reduces torque required to process solids. The cutter uses hardened stainless steel cutting blades in a staggered position against a cutting ring. This unique design prevents clogging due to particularly troublesome solids like plastics, strings, ropes, sanitary napkins, disposable diapers, and cloth materials.

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Learn more about CP&S'
product portfolio and services
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