

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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TPS 2017
BOOTH #
1419

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MILTON ROY

Proteus™: The Intelligent Chemical Metering Pump

Proteus™ intelligent chemical metering pumps are engineered to meet today's most demanding standards for accuracy, reliability, and process control flexibility. These pumps feature enhanced performance and process control capabilities built on a universal technology platform with the ability to adapt as technology evolves.

Milton Roy designed the Proteus series from the ground up based on valuable feedback received from treatment plant maintenance, operators, and industry experts. Available in two control configurations, Proteus pumps were specifically designed to meet the requirements of municipal and industrial water and wastewater treatment.

Contact your local representative to find out more about Proteus™—the intelligent chemical metering pump—at info@miltonroy.com or by visiting www.miltonroy.com.

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4448



*Showstopper***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 sq. ft.
- 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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8500**

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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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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.



Visit us at
WEFTEC
BOOTH #
834

*Showstopper***GAS CLIP
TECHNOLOGIES****Multi Gas Clip Simple**

Finally eliminate the risk of being unprotected against toxic gases due to your portable gas detector running out of battery in the middle of a shift. Gas Clip Technologies introduces a new, maintenance-free four-gas detector that has a two-year continuous runtime with no charging—the Multi Gas Clip Simple.

The Multi Gas Clip Simple uses a low-energy infrared beam of light inside the LEL sensor to detect gas. This type of detection process has an extremely low drain on the battery, allowing the battery to last for months and months at a time. Non-infrared (pellistor/catalytic bead) LEL sensors, which were the only combustible gas sensors available for many years, contained two beads and a filament which needed to heat up to detect gas. That continual heating process used an enormous amount of energy which consumed the battery power quickly. By the end of a shift, and sometimes even before a shift was over, gas detectors would need to be recharged. Think of the convenience now of not having to plug a gas detector in every single day to charge it up.

The Multi Gas Clip Simple is the easiest to use and easiest to maintain gas detector available today. Gas Clip Technologies' continued development and refinement of advanced low-power photometric infrared technology for LEL measurement helps make gas detection simpler than ever in this newest member of their gas detector family.



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**For more information, visit
www.gascliptech.com.**

Showstopper

NIDEC MOTOR COMPANY

World Motor

Comprised of the Hostile Duty™, Corro-Duty®, And 841 Plus® product lines. World Motor cast iron products are built to withstand a variety of severe duty applications in oil and gas, pulp and paper, mining, saw mills, foundries, chemical plants and waste management and other process-related industries. Stock motors are rated Class B rise at 1.0 service factor and Class F rise at 1.15 service factor with full Class F or better insulating materials. More information about World Motor offerings can be found at www.usmotors.com/Our-Products/Severe-Duty/World-Motor.



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2021

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BLACOH

FLUID CONTROL

Hybrid Valve

The patent-pending Hybrid Valve™ was engineered to proven principles with state-of-the-art design for maximum efficiency. In a metering pump system, using a back pressure valve alone does nothing to improve fluid flow. When put in series with a pulsation dampener, the flow improves significantly but, according to Blacoh performance tests, results can't match the performance of the single construction Hybrid Valve™ for the steadiest flow. Further, as a single unit, the Hybrid Valve™ takes up less space and has fewer leak points for improved functionality and lower maintenance costs. For more information visit www.blacoh.com/hybridvalve or contact Blacoh at 951.342.3100 or email sales@blacoh.com.

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*Showstopper***XYLEM****Flygt Concertor™**

Are you prepared to meet the future challenges of the wastewater industry? Like never before, aging infrastructure, global urbanization, increasing energy costs, and the need for sustainable solutions are making cost reduction an urgent priority for all. Just imagine that by 2050, an estimated 70 percent of all the world's population will be living in cities—an urban wastewater challenge on a scale we've never seen before. The solution to all these challenges is not more components and complexity but intelligent, flexible, and leaner solutions.

One Powerful Solution. Unlimited Possibilities.

Xylem introduces Flygt Concertor, the world's first wastewater pumping system with integrated intelligence that offers a unique synergy between software functions and state-of-the-art hardware. Concertor's system design works in harmony to reduce your total cost of ownership while delivering the highest quality and reliability. This new wastewater pumping system senses the operating conditions of its environment and adapts its performance in real time to provide feedback to station operators. With high operational flexibility, Concertor takes wastewater pumping to a whole new level.

Fully Integrated System

Concertor combines a fully integrated control system with IE4 motor efficiency, the state-of-the-art N-hydraulic and intelligent functionalities—all based on sixty years of Flygt wastewater pumping experience.

A New Way of Thinking

By integrating a control system that can automatically adapt to the changing wastewater environment, you get the optimal level of performance, while significantly reducing your total cost of ownership. The built-in intelligence makes it quicker and easier to set-up and operate functions that would otherwise require a very sophisticated monitoring and control system. We have achieved all this with a significantly smaller footprint.

**For more information, visit
www.xylem.com.**



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