

FILTRATION SOLUTIONS FOR POWER GENERATION



Improved Reliability

Branded Solutions

Lower Maintenance Costs

Hydraulic Test Bench | HTB



HTB

- ◆ The HTB accurately troubleshoots hydraulic pumps, motors, cylinders and valves
- ◆ An ingenious universal mounting bracket makes mounting pumps and motors on the bench a simple, quick operation
- ◆ Mounting plates are furnished to accommodate flange-mounted and foot-mounted pumps or motors
- ◆ Drive adapter equipment includes inserts for keyed shafts, an insert chuck and a universal drive shaft
- ◆ Quick disconnect porting on the bench provides convenient hook-up for test components
- ◆ Available in 3 different sizes: 50 HP, 100 HP and 150 HP
- ◆ The optional HMG Series Data Recorders allow all pertinent data from the components being tested to be saved for reports and quality assurance
- ◆ Kits and spare parts available for upgrades and maintenance



QCF

Bulk Diesel In-Line Filter | QCF

- ◆ Fuel and water separation media technology in a three-phase element construction for high efficiency
- ◆ Up to 70 gpm single-pass removal of free and emulsified water in Ultra-low Sulfur Diesel (ULSD) and blends
- ◆ Helps protect expensive, vital engine components against failures caused by water transferred from the bulk fuel tanks to the vehicle
- ◆ Coalescing filter delivers 99.5% single pass free and emulsified water removal efficiency, resulting in outlet water concentrations as low as 100 ppm

Hydraulic & Lube | KF50, YF30 and DBE



KF50

YF30

DBE

- ◆ **KF50:** High pressure, base-ported filter with 5,000 psi operating pressure and up to 150 gpm flow. Designed to meet HF4 automotive standard and encourages inventory consolidation through the use of standard K-size elements. Available with test points downstream and/or upstream.
- ◆ **YF30:** High pressure, top-ported filter with 3,000 psi operating pressure and up to 25 gpm flow. Designed to meet HF2 automotive standard. Aluminum assembly minimizes weight while optional drain plug facilitates easy element servicing.
- ◆ **DBE:** Desiccant air breathers designed with reusable base and three different cartridge sizes. Two stages of absorbent provide optimal combination of drying efficiency and water retention. Integrated 2-micron element reduces dirt and dust ingress into tank. Color-coded silica gel changes when maximum absorption is reached.

Schroeder Bestfit® Element with Private Label Branding Available



Schroeder Elements

- ◆ Affordable filtration solution that can be used in a wide variety of applications
- ◆ Cartridge and Spin-on styles available
- ◆ Variety of media grades (cellulose, synthetic, F Pack, water removal, anti-stat)
- ◆ Available for private label branding
- ◆ Over 40,000 cross references on the website



SVD01

IXU

Fluid Conditioning | SVD and IXU

- ◆ The SVD, which uses vacuum technology, can remove both free and dissolved water from the oil, as well as dissolved gases. In addition, solid contaminants are also removed by highly efficient membrane filter technology. The water sensor, standard on all units, shows the water saturation of the fluid. It has an automatic shutdown based on user setting of water saturation target and/or, optional ISO cleanliness level (when used with optional TCM unit).
- ◆ The IXU is an easy-to-service ion exchange unit used for conditioning flame resistant, HFD-R-based hydraulic and lubrication fluids. They effectively remove acidic products of decomposition caused by hydrolysis and/or oxidation of the fluid. Mobile or stationary IXU are available.



BDC

Bulk Diesel Filter Cart | BDC

- ◆ Provides exceptional single-pass diesel filtration and continuous water removal
- ◆ Includes the BDS unit with a particulate pre-filter and our patent pending coalescing water removal filter
- ◆ Ideal for single pass transfer or kidney loop fuel maintenance operations at 25 gpm flow rate and optional at 70 gpm flow rate



HMG 4000

TMU

Fluid System Monitoring | HMG Series and TMU

- ◆ A portable service unit designed for temporary measurement of solid particle contamination (ISO code) and water saturation in hydraulic systems
- ◆ The integrated pump and the hoses with test point connections, which are included with the TMU, allow operation on reservoirs, control circuits, and high pressure circuits



ATF

Automatic TwistFlow Strainer | ATF

- ◆ Copes easily with high contamination loads
- ◆ Degree of separation associated with a centrifuge combined with defined filtration ratings
- ◆ No transfer of contamination to the clean side
- ◆ Flow rates up to 400 m³/h



RF3

Automatic Back-flushing Filter | RF3

- ◆ Separation of solid particles from low viscosity fluids
- ◆ Ideal for cooling towers
- ◆ Filtration ratings from 25 µm to 3,000 µm
- ◆ Automation brings efficiency
- ◆ Performance enhanced by isokinetics
- ◆ Safety assured by proven technology and experience
- ◆ Flow Rates: Up to 10,000 m³/h

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for power generation. We are proud of our proven track record of providing quality products over the last seventy years. The designs you see inside are the result of thousands of hours of field testing and laboratory research...and decades of experience. Schroeder was one of the first companies to demonstrate the need for, and benefits of, hydraulic filtration. We pioneered the development of micronic filtration, helping to set performance standards in industrial fluid power systems. As a result, Schroeder is now a leader in filtration and fluid conditioning—and the proof of our expertise lies in our broad mix of unsurpassed products.

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Power Generation



We design solutions for power generation and for the success of our customers by:

- ◆ Optimizing the use of technology with applications for improved equipment performance
- ◆ Using an efficient, timely customization process to fill the specific needs of power generation
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of power customers
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges
- ◆ Nurturing a creative, cooperative culture committed to providing the best solutions for our customers

Our goal is to be your fluid conditioning partner. Our expertise in filtration technology, our superior filter and element manufacturing capabilities, and our dedication to customer service and product support are the reasons we're considered experts in Advanced Fluid Conditioning Solutions®.

We are committed to providing the best available filter products to meet necessary cleanliness levels at a competitive price. As a cost-effective, quality producer, we can work with your organization to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.

For more information, please contact sisales@schroederindustries.com



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