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Ne  
Neon  
29 63.546  
Cu

**FILTRATION SOLUTIONS FOR CHEMICAL PROCESSING**

At Astatine  
7.867  
Nb Niobium  
41 92.906  
6 12.011  
C (278) Carbon  
51 121.76  
Sb Antimony  
Mt Meitnerium  
4.24  
47 107.87  
Ag Silver  
40 91.224  
Zr Zirconium  
15 30.974  
P Phosphorus  
39 88.906  
Y Yttrium  
77 192.22  
Ir Iridium  
3 6.94  
Li 28 58.693  
Lithium  
78 195.08  
Pt Platinum  
Ni Nickel  
49  
Ir  
80 200.59  
Hg  
Indiu



Improved Reliability

Branded Solutions

Lower Maintenance Costs

## Testmate® Contamination Sensor | TCM



TCM

- ◆ Measures particles in four sizes: >4, >6, >14, >21  $\mu\text{m}$
- ◆ In-line or manifold mounting
- ◆ ISO or SAE codes can be output in 4-20 mA analog signal
- ◆ Compatible with standard mineral fluids & phosphate esters
- ◆ Display and keypad can be rotated (up to 270°)
- ◆ Inlet and outlet ports are interchangeable (bi-directional, without manifold only)

## Bulk Diesel Filter Cart | BDFC



BDFC

- ◆ Routine element change only needed on KL3 particulate filter, saving time and money
- ◆ Fully synthetic, patent-pending coalescing (fuel/water separation) media requires minimal change outs
- ◆ The BDFC, at just 22" wide, will fit through standard doorways
- ◆ Pump motor is 115VAC with resettable overload and 7' power cord
- ◆ Great for kidney loop clean-up of contaminated reservoirs or single-pass transfer
- ◆ Coalescing filter delivers 99.5% single pass free and emulsified water removal efficiency to achieve outlet water concentrations below 100 ppm

## Bulk Diesel Filters | BDF1 and BDF2



BDF1

BDF2

- ◆ 1 or 3  $\mu\text{m}$  utilizing Excellement® synthetic Z-Media® element.
- ◆ Fully synthetic, patent-pending coalescing (fuel/water separation)
- ◆ Media requires minimal change outs. Routine element change is only needed on KL3 particulate filter which saves time and money.
- ◆ Flow rates available are up to 16 gpm (61 L/min) for BDF1 and 32 gpm (122 L/min) for BDF2.
- ◆ Optional electrical Dirt Alarm®, integrated thermostat controlled water sump heater and automatic water drain available.
- ◆ Ideal for bulk diesel storage tank fuel filtration to assure the plant maintenance equipment running on diesel is ready for use at all times.

## 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, water removal, anti-stat)
- ◆ Available for private label branding
- ◆ Over 40,000 cross references on the website

## Off-Line Hydraulic Filtration Systems | X-Skid and MTS



X-Skid

MTS

- ◆ **X-Skid:** Designed to handle high viscosity oils up to 25,000 SUS. Many component combinations and variable starter options allow the flexibility to match specific user needs. An integral drip pan with drain plug protects oil from spilling on ground. Sample valves provided at filter base for fluid sampling.
- ◆ **MTS:** An off-line filtration system that features unique membrane elements constructed of stacked disks where dirt holding capacity is measured in pounds instead of grams, drastically reducing the amount of time required to clean up highly contaminated fluids.

## Hydraulic and Lube Filters | GRTB and YF30



GRTB

YF30

- ◆ **GRTB:** A low price filter with Schroeder's known quality, the GRTB is easy to service and install. The GRTB can handle up to 100 gpm (380 L/min) with a max 100 psi (7 bar) operating pressure.
- ◆ **YF30:** High pressure, top-ported filter with 3,000 psi (210 bar) operating pressure and up to 25 gpm (100 L/min) flow. Aluminum assembly minimizes weight. Designed to meet HF2 automotive standard. Optional drain plug facilitates easy element service.

## Automatic Twist Flow Strainer | ATF



ATF

- ◆ Suited to high levels of contamination and large fluctuations in the solid particle content of the untreated water
- ◆ By using conical slotted tube elements a more consistent filtrate quality is always guaranteed, irrespective of fluctuations in operating pressure and flow rate.
- ◆ The special flow characteristics provide a low pressure drop at <14 psi (1 bar) over the whole operating range.
- ◆ The pre-filtration of solid particles of a higher density means that the filter surface area can take a correspondingly higher load and the filter can be comparatively smaller.

## Automatic Self-Cleaning Strainer | RF3



RF3

- ◆ Fully automatic operation
- ◆ Uninterrupted flow during filtration
- ◆ Superior self-cleaning functionality
- ◆ No consumable parts such as elements
- ◆ Low pressure drop
- ◆ Virtually maintenance free
- ◆ Low operating costs

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for chemical processing. We are proud of our proven track record of providing quality products over the last sixty years. The designs you see inside are the result of thousands of hours of field testing and laboratory research combined with 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.

For more information, please visit: [www.schroederindustries.com](http://www.schroederindustries.com)

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## Chemical Processing



We design solutions for the chemical processing 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 chemical plants
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of chemical processing
- ◆ 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](mailto:sisales@schroederindustries.com)



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**Schroeder**  
**INDUSTRIES**  
Advanced Fluid Conditioning Solutions®

1 1.0  
H  
Hydroge

38 87.02  
Sr  
Strontium  
Titan

2  
60 144  
Nd  
Neodym

54.938  
In  
Indane  
14.007  
N  
Nitrogen

21 44.956  
Sc  
Scandium

4.000

34 78.96  
Se  
Selenium

e

5 10.  
B  
Boron

9 39.098