

Magnet Type	Application	Maximum Working Pressure	Installation Position
B-Trap	2" through 4" pipelines (51 mm through 102 mm)	150 psi (10.5 kg/sq cm)	Any
L-Trap	2" pipelines (51 mm)	150 psi (10.5kg/sq cm)	Any
T-Trap	6" through 30" pipelines (152 mm through 762 mm)	75 psi (5.3 kg/sq cm)	Any
U-Trap	3" or 4" pipelines (76 mm or 102 mm) with difficult-to-flow products	50 psi (3.5 kg/sq cm)	Any
Hi Filter	4" to 18"	150 psi	Vertical



The DVMF is suitable for glass-making feedstocks, talc, industrial ceramics and abrasives.

processing challenges, including protecting product purity and handling chemicals in the most efficient, economical and safe manner. Consequently, this highly diverse industry requires a multitude of magnetic separation equipment to handle dry and wet applications.

Eric Confer is Eriez Market Manager, Light Industries.

Eriez

www.eriez.com

PRESSURE CALIBRATOR RANGES UP TO 1,000 PSI

The model 761A pressure calibrator series from Additel measures up to 1,000 psi. Units feature removable internal pressure modules, optional precision models to 0.01% F.S., increased speed to pressure, ability to read



two external pressure modules, touch screen display, WiFi, Bluetooth, and Ethernet and double the original battery life. Like the first generation, the company says, this second-generation product is completely self-contained and automated with a built-in pump for pressure generation and precision control technology. Simply set the desired

pressure and watch the calibrator do the work. Models include: 761A-LLP, with -30 to 30 inH2O; 761A-D, with -13.5 to 35 psi; 761A-500, with vacuum to 500 psig; and, 761A-1K, with vacuum to 1000 psig.

Additel Corporation

www.additel.com

INDUSTRIAL ETHERNET M12 CONNECTORS

Ethernet cabling and connectors from binder are available in a wide variety of options, including M12 D- and X-Coding, for harsh industrial environments. The company manufacturers M8, M12 and 7/8 in. cordsets, with single-ended and double-ended versions possible with straight and right-angle connectors. A variety of cable types, colors and lengths can be used in combination with M8, M12 and 7/8 in. male and female binder connectors. Customer supplied cables with a sensor, proximity switch or other product attached on one end can also be used. Options such as labeling, DeviceNet, Ethernet and LED configurations available.

binder-USA

www.binder-usa.com



Table 2. Typical specifications for ferrous traps.

For example, this type filter can remove weakly magnetic particles for fine slurry product purification.

The Importance of Testing

While there are standard guidelines to follow when selecting magnetic separation equipment for chemical processing applications (as discussed in this article), testing using customers' samples is the best equipment performance indicator. The Eriez Central Test Lab's capabilities include sampling, pilot testing and process development protocols. The Central Test Lab has a long history of proving the best-performing separation equipment and process for each unique chemical application.

Located in Erie, Pennsylvania, the Central Test Lab has more than 15,000 square feet of dedicated laboratory space and an array of lab and pilot equipment. The lab can perform product tests, provide detailed process analysis and create solutions for nearly any chemical application.

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