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Product Showcase

In the interest of enhancing the value of *Cold Facts* and helping prospective customers find cryogenic products and services, we offer this Product Showcase. We invite companies to send us short releases (150 words or fewer) with high resolution JPEGs of their new products. This feature is free and open to all companies and related manufacturers.

STÖHR

Cryogenic valve series 1600 with best Cv value in class

STÖHR's new high-end globe and control valves from its 1600 valve series feature best-in-class Cv values—even at large sizes—and are competitive with well-known manufacturers. The promised flow rates were measured by an independent test institute and the agreed maximum flow rates have been confirmed: DN 80 / PN 10 at 160 m³/h and DN 100 / PN 10 at 250 m³/h. The valves can be delivered with manual or pneumatic actuators.



Series 1600 valves will be installed in the main medium stream of an upcoming oxygen or hydrogen rocket engine test bench along with cryogenic filters with low loss of pressure. www.stoehr-valves.de ■

CONCOA

577 Series CryoWiz™



This fully automatic series represents the next generation of CONCOA's CryoWiz automatic switchover system for critical applications such as control rate and cryogenic storage freezers. The series delivers a continuous supply of LN₂ with little to no variation in cryogen temperature and can be combined with CONCOA's new line of cryogenic headers and hoses, allowing users to

design integrated, precise and reliable cryogenic delivery systems.

The series utilizes proprietary algorithms to control the temperature profile in control-rate freezer applications. It also features a hot-gas bypass that eliminates flash loss while its valve technology minimizes temperature change during switchover and operation, ensuring cryogenic liquid is available to continuously feed up to eight freezers. Units can be integrated with an external oxygen monitor to ensure safe and reliable use and comes with standard alarm indicators that can be integrated with remote or building alarm systems. Larry Gallagher, lgallagher@concoa.com, www.concoa.com. ■

Cryotherm

BIOSAFE® Series

These network-capable cryogenic storage containers have wide-neck openings for the preservation and long-term storage of biological and medical samples.

Cryo-preservation is an established practice in science, research, medicine, environmental studies and technology. The BIOSAFE series safely cools samples to -180 °C and its inert atmosphere enables the problem-free storage and preserving of valuable medical and biological samples and materials.



BIOSAFE series containers provide excellent ergonomics and simple withdrawal of samples. The series offers

maximum safety via an integrated fill-level controller and container monitoring system. This BIOSAFE-Control β system also allows users to network up to 32 systems and to set alarm thresholds or trigger automatic filling with nitrogen. Users can additionally use Cryo-Messenger® to receive updates through text or email and to control the system online.

Choosing BIOSAFE is an easy decision as the series has long been a byword for quality and safety for leading scientific and medical institutions. www.cryotherm.de ■