

October 2011

Innovative Ideas for Dairy Processors

Dairy

F O O D S

The Big Taste &
Bold Flavors of Cheese

PLANT EQUIPMENT



Buchi

Buchi introduces the **NIRMasteR**, a stand-alone FT-NIR spectrometer. Its unique polarization interferometer offers high sensitivity, ensuring accurate and reliable results. It also includes a built-in PC, ready-to-use calibrations and an internal laser reference, eliminating the need for frequent and expensive instrument standardizations.

Buchi Corp.
302-652-3000
www.mybuchicom

Clear Lam's Peel and ReSeal technology features a reclosable tray and lid system for added convenience and lightweighting of cheese products. The easy-to-use lidding film eliminates the need for rigid lids and shrink bands, making the package easier to assemble.

Clear Lam Engineered Packaging Solutions
847-439-8570
www.clearlam.com



Foss

Foss released **MilkoScan FT1**, a milk analyzer designed for standardizing milk arriving at the dairy. A new intuitive software interface

is said to make it easy to perform the fast and accurate milk analysis required for effective milk standardization.

Foss
952-974-9892
www.foss.dk

Parker Balston offers **compressed air filters** that are said to remove 99.9999+% microns of oil, water, rust, bacteria and other viable organisms from compressed air and other gases. These stainless-steel filters are said to be at least 30 times better than the accepted standard for sterile air filters, and come in 1/4- to 1-inch line sizes with flow capacities of more than 700 SCFM.

Parker Hannifin Corp., Filtration & Separation Division
800-343-4048
www.balstonfilters.com



Omega

The **OMDC-MD** series from **Omega Engineering** is a compact programmable DC speed control with digital closed-loop feedback and LED display. It features adjustable minimum/maximum speeds and acceleration/deceleration, as well as display options such as decimal point positions and intensity. Its non-volatile memory provides programmable power-on initial settings and allows all custom settings to be stored for future use.

Omega Engineering Inc.
203-359-1660
www.omega.com

Nansulate Translucent GP insulation and mold resistant coating by **Industrial Nanotech** was created for insulation of food processing equipment to reduce energy costs. It cleanly insulates with a moisture-, mold- and corrosion-resistant formula that also reduces heat transfer to lower energy demand. This clear coating is water-based, non-toxic, low odor and low voc, and insulates surfaces up to 256°F.

Industrial Nanotech Inc.
800-767-3998
www.industrial-nanotech.com

Using **water "polishing" techniques** from **GEA Filtration** helps recycle the process water for cleaning purposes, or even to return it to the process, creating a plant self-sufficient in water. The "white water" is collected and treated using reverse osmosis, allowing the solids recovered to be returned to the process.

GEA Filtration
715-386-9371
www.geafiltration.com



Gamajet

Gamajet Cleaning Systems releases the **Intrepid**, a low-flow, full-coverage rinsing machine that offers fast, validated tank rinsing using 80% less water than the standard spray ball at the same pressure. This type of cleaning is ideal for cleaning light liquids and powders. The Intrepid utilizes a unique "direct-drive" design, requiring no gear reduction. The average operating conditions are between 10-80 psi and 5-20 gallons per minute.

Gamajet Cleaning Systems Inc.
610-408-9940
www.gamajet.com

Fortress Technology introduced the **Stealth metal detector**, which offers full backwards compatibility, ensuring spare parts and upgrades are readily available for existing systems. Other features include digital signal processing technology, which provides high-speed precision detection, while ultra-sensitivity levels detect the smallest metal contaminants. Meanwhile, automatic testing and calibration allow for simple operation, and the true auto-balance enables recovery from large metal contaminants to avoid detector "blindness."

Fortress Technology
888-220-8737
www.fortresstechnology.com