Siemens introduces LaboStar analytical-grade water purification systems for the laboratory market

Ultrapure water quality from a compact, easy to use, cost-effective system

Siemens introduces LaboStar and LaboStar TWF compact deionization water purification systems for producing ASTM Type I water. The LaboStar system purifies water from a pre-purified water source and the LaboStar TWF system purifies water from a tap feed source. Included with all systems as standard equipment is a unique, positively charged 0.2 micron sterile filter, installed at the dispense point. This bacterial/biological protection filter allows the system to produce ultrapure water with endotoxin levels of less than 0.001 EU/ml. For applications that require low total organic carbon (TOC) levels, both the LaboStar system and LaboStar TWF system are available with ultraviolet (UV) sterilization and an enhanced-organic-removal deionization (DI) “polishing” cartridge. All systems can be easily integrated into an existing central high-purity water system loop.

The LaboStar system integrates two DI cartridges and optional UV that polishes the feed water from reverse osmosis (RO) or DI pretreatment, or a combination of RO plus DI or RO plus continuous electrodeionization (CEDI) pretreatment.

The LaboStar TWF system is available with pre-purification product flow rates of three liters per hour, or seven liters per hour for applications with large daily use requirements. The system features a unique pretreatment module that produces RO quality water from a tap water feed source, and an integral 7-liter tank for storing RO-quality water from the pretreatment cartridge. Water is sent from the tank to a DI cartridge for further purification when Type I water is required at the point of use.

When not in use, all LaboStar systems circulate the water through the UV and DI cartridge pack to maintain high water quality. The systems are available as bench-top or wall-mounted-only units. All
systems are microprocessor controlled and feature an easy-to-navigate menu and an easy-to-read display that shows water conductivity or resistivity at multiple points in the system, including after the final DI cartridge. The LaboStar TWF system also shows the tank volume on the system display panel. All systems include a set of replacement cartridges.

Further information about solutions for water treatment is available at http://www.siemens.com/water

A photo supplements this press release. Please see: http://www.industry.siemens.com/data/presse/pics/IIS201002232.jpg

The compact LaboStar system produces ultrapure water in an easy-to-use, cost-effective design.

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