**Positive Pressure Manifold**
An alternative to the vacuum manifold, the Presston 100 Positive Pressure Manifold applies pressure from above to pass liquids through the sample preparation products. Presston 100 reduces the inconsistent pressures inherent in vacuum techniques, and its high-pressure capability enables the separation of viscous samples. Presston 100 is unique in that a single unit can prepare samples in tubes or 96-well plates; other manufacturers’ manifolds require a separate unit for each format. Presston 100 is compatible with Phenomenex Strata solid-phase extraction, Novum simplified liquid extraction, Phree phospholipid removal, Impact protein precipitation plates, β-Gone β-glucuronidase removal, and Clarity BioSolutions for synthetic DNA and RNA. The ability to handle tubes or plates, along with the other advantages of positive pressure, allows the user to do more with just one instrument.

*Phenomenex*
For info: 310-212-0555
www.phenomenex.com

**RT-PCR Machine**
Designed for lower-throughput clinical labs, the ARIES M1 System is a fully integrated, sample-to-answer platform for performing real-time (RT) PCR assays. It is designed to empower satellite clinical laboratories to take advantage of the same benefits as Luminex’s higher-throughput ARIES System, with features such as an intuitive system interface, STAT or batch testing, and true walkaway capability. The system extracts, amplifies, and detects nucleic acid targets from numerous sample types. Once the cassettes are loaded onto the instrument, results are generated without additional technical intervention. The ARIES M1 can process up to six different samples and assays at a time. The system offers efficiency and flexibility, freeing bench space with its narrow footprint and integrated computer, and performing multiple in vitro diagnostic assays in a single run with only minutes of assay prep time. The ARIES M1 offers a scalable solution for both hospitals and reference labs alike.

*Luminex*
For info: 877-785-2323
www.luminexcorp.com/aries

**Fermentation Vessel**
Eppendorf expands its portfolio of rigid-wall, single-use vessels for fermentation. The Eppendorf BioBLU 3f was developed specifically for microbial bioprocessing in working volumes of 1.25 L to 3.75 L, extending the full range of operation for single-use fermentation from 60 mL to 3.75 L. These vessels specifically address the demands of high-cell–density fermentation of bacteria, yeasts, and fungi. Robust magnetic overhead drives featuring Rushton-type impellers support agitation rates up to 1,200 rpm and provide high-performance mass transfer. Eppendorf’s exclusive integrated cooling baffles enable efficient heat removal for exothermic processes. The 3f’s rigid-wall, industrial stirred-tank design ensures scalability and simplifies technology transfer. Its monolayer polymer material mitigates risk and uncertainty with regard to leachables and extractables, and its single-use bioreactors are designed as drop-in replacements for existing autoclavable fermentation vessels. They can be operated with Eppendorf bioprocess control stations BioFlo 115, BioFlo 310, and BioFlo 320.

*Eppendorf*
For info: 800-645-3050
www.eppendorf.com/BioBLU

**UV Analysis Lamps**
Herolab produces a wide range of UV analysis lamps for short-, medium-, and long-wave UV, covering wavelengths of 254 nm, 312 nm, and 365 nm—thus there is a lamp for most laboratory applications. The lamps are constructed with powder-coated, lightweight metal housings. They have ergonomic handles and also offer a stand for hands-free operation. The range starts with small benchtop lamps and goes up to larger, industrial-size germicidal lamps. It is also possible to provide multiwave units for customers who need this extra flexibility. Herolab UV analysis lamps service a multitude of laboratory operations, including fluorescent particle detection in biological and chemical applications, destruction-free material testing, fissure tests, adhesive curing, compound potting, and coating testing. Each product meets all current safety standards and will give many years of service.

*Herolab*
For info: +49-(0)-6222-5802-0
www.herolab.de/index.php/en
New Products

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