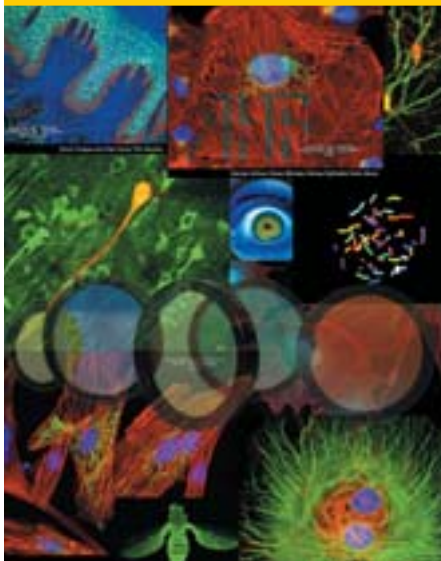


New Products

Spectroscopy



Product: Optical filters.

Manufacturer: AHF analysentechnik AG.

Technology: The AHF product line comprises high end optical filters for single / multiphoton spectroscopy and Raman spectroscopy: Brightline and Razor Edge filters, excellent multiphoton filter components, ET-single and multi-bandsets, laser specific components in ultra performance.

Advantages: The optical specifications will always be matched to the complete optical system with no compromise in quality. Demo units are offered to make decisions easier.

More Information: www.ahf.de

PCR Consumables



Product: Cap Strips and real-time PCR Tube Strips.

Name & Manufacturer: Masterclear Cap Strips and real-time PCR Tube Strips from Eppendorf.

Technology: The white wells of Eppendorf's real-time PCR Tube Strips significantly increase the fluorescence signal, compared with clear or frosted wells, and reduce the interference of the thermal block. The result is improved sensitivity and reproducibility in real-time PCR experiments, which may enable the number of replicates to be

reduced. The inverted dome design of Masterclear Cap Strips prevents scratching or contamination of the optical surface, while the extremely thin transmission windows ensure transmission values greater than 90 per cent for wavelengths above 500 nm, with low variance. The increase in fluorescence signal can thus be distinguished from background noise at an earlier time point.

Advantages: These products will benefit all real-time PCR applications, with particular advantages in three areas: detection of low copy genes, when using reagents with weak fluorescence signals, and in low volume real-time PCR assays. By reducing the vapour volume inside PCR tubes and plates, Masterclear Cap Strips enable reaction volumes to be reduced to as low as 2.5 µl in standard PCR tubes, therefore saving on reagent costs. Eppendorf real-time PCR Tube Strips feature an extremely thin wall for optimal heat transfer.

More information:

www.eppendorf.com/consumables

Syringe Pump



Product: long-life OEM syringe pump.

Name & Manufacturer: Cavro Centris Pump from Tecan.

Technology: The Cavro Centris Pump's rigid mechanical design with fewer moving parts ensures reliability, while the fluidics components use precision-paired ceramic parts, resulting in almost no resistance or wear. The pump's high efficiency stepper motor and mechanical drive allow liquid handling performance at small volumes, yet still have the necessary speed and

power to achieve high volume performance. The pumps compact dimensions give it the smallest footprint of any OEM syringe pump. The pump features increased on-board diagnostics, so the user can query the pump for its critical performance parameters.

Advantages: The pump offers a broader working volume range from a single syringe size compared to other similar pumps, enabling users to do more with one pump.

More Information: www.tecan.com

Stackable Shakers



Product: Stackable orbital Shakers.

Name & Manufacturer: MaxQ 8000 series from Thermo Fisher Scientific.

Technology: The MaxQ 8000 shakers offer features such as run and set points for temperature, speed and time, displayed simultaneously. A built-in HEPA filter minimizes the chance of cross-contamination as well as ensuring that air inside the chamber remains clean. The fold-down door with ergonomically designed handle allows the shaker platform to slide out, enabling easy access for samples. Safety is ensured by a flip-down handle/latch on the quick-release base, preventing the shaker from running if the platform is not secure. All stacking hardware is included. The chamber of the shaker is made of crevice-free type 304 stainless steel with coved corners and contains a built-in drain that keeps spills within the work area for easy cleaning. Electronic components and the HEPA filter are easily accessed from the front of the unit.

Advantages: The shakers combine maximized Culture Capacity with a Space Saving Design.

More Information: www.thermofisher.com