ICP-OES Spectrometer Software

Neo software for inductively coupled plasma-optical emission spectrometry (ICP-OES) spectrometers is designed to facilitate method development, samples measurements, and results management. A high dynamic range detection mode is integrated for standard measurement, advanced quality control protocols, and retrospective analysis with respect to the integrity of raw results to match with good laboratory practices requirements. For ease of use, ICP Neo displays all information on a single screen. Method development features include a visual display of interference-free lines using the S^2 wavelengths database. Full automation is possible with a Smart Rinse feature for rinse efficiency monitoring between two samples, limits on correlation coefficient and recalculated concentrations, and quality control procedures that are fully EPA compliant. ICP Neo is Microsoft Windows compatible; CPU05 electronics are required. Basic training is performed by a trained service engineer. Researchers can use the software and perform samples analysis as soon as installation is completed.

Horiba Scientific
For info: 732-494-8660
www.horiba.com/scientific

Pulsed Flame Photometric Detector

The OI Analytical 5383 Pulsed Flame Photometric Detector (PFPD) is ideal for petrochemical, environmental lab, and food and beverage applications. Now in its second generation, the detector features improvements in electronics and signal processing, delivering higher selectivity and higher sensitivity. When mounted in a gas chromatograph (GC) or GC/MS, the 5383 gives chemists the ability to specifically determine and selectively analyze low levels of sulfur, phosphorus, and 26 other analytes of interest. New, intuitive, easy-to-use software provides a powerful tool for configuration, optimization, and analysis. The 5383 offers greater ease of use, improved analysis capabilities, and a compact, modular design that saves bench space while maintaining the specificity, reliable technology, and cost-efficient, time-saving features that distinguished its predecessor.

Xylem
For info: 978-778-1010
www.xylem.com

Constitutional Array

The addition of research-validated single nucleotide polymorphism (SNP) probes to the CytoSure Constitutional v3 array enables it to do exon-level copy number variation (CNV) and loss of heterozygosity (LOH) detection for comprehensive genetic analysis of developmental delay disorders. The CytoSure Constitutional v3 array content covers 502 targeted genes, with high probe density across the most biologically relevant regions, enabling the detection of single-exon aberrations. With the addition of SNP probes on the new CytoSure Constitutional v3 +LOH array, a broader range of copy-neutral genetic factors can be investigated on a single array, including LOH and uniparental disomy. The SNP probe coverage also functions as an additional validation of CNVs, reducing the need to perform follow-up investigations. Powerful data analysis and interpretation of these advanced arrays is also streamlined with CytoSure Interpret Software, which is provided with each array alongside full on-site training.

Oxford Gene Technology
For info: +44-(0)-1865-856826
www.ogt.com

Biosimilar Assays

A range of ready-to-use assays now exists for testing Actemra, Stelara, and Lucentis biosimilars. The new assays allow biopharma manufacturers to generate accurate comparability results rapidly and cost-effectively. The new assays available include Actemra IL-6R Neutralization Bioassays; an Actemra IL-6R Binding ELISA; Stelara IL-12/IL-23 Binding Assays; a Stelara C1q Binding Assay; a Stelara Neutralization Bioassay; as well as Lucentis VEGF Binding Assays and a Lucentis VEGF Neutralization Bioassay. The availability of prequalified, off-the-shelf assays provides biosimilar developers the opportunity to test a wide range of biosimilars quickly and economically, utilizing assays from just one trusted supplier. Sartorius Stedim BioOutsource, which launched these assays, has its own in-house R&D department and is continually adding to its portfolio of assays. If an assay is not listed, scientists can contact the firm to discuss its availability or use the company’s expert services to configure an assay to meet their specific requirements.

Sartorius Stedim Biotech
For info: +44-(0)-141-946-4222
www.sartorius.com

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New Products

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