New and Unique:
Automated Sample Preparation for Water Analysis

The new robotic system FREESTYLE XANA of LCTech GmbH enables the reliable and unattended sample preparation of water samples with a volume of 1 L up to 10 L from the raw sample up to the filling into GC vials.

FREESTYLE XANA has been specifically developed for the automated sample preparation of large-volume water samples like drinking water, raw water, or river water. Without the need for supervision the system processes samples over 24 hours and 7 days per week.

A very high sample throughput of 65 samples per day achieves FREESTYLE XANA due to parallelisation of the processing steps and the simultaneous operation of 3 samples. Controlled pressurisation of up to 4 bar in many cases pushes samples even with suspended matter through the SPE columns.

FREESTYLE XANA consists of the basic building block of the xyz-robotic system, FREESTYLE™ BASIC, and the SPE module. As an option, the platform can be fitted with an EVAporation module, whereby the sample can be eluted directly into the EVAporation chamber, evaporated according to your specific needs, and afterwards filled into GC-vials, ready for subsequent analysis.

Each module can be used separately for solid phase extraction, evaporation or for combined applications. Thus, the system is equally well suited for use in both smaller and high throughput laboratories. The user chooses the required application from the FREESTYLE software with just a few mouse clicks.

Permanent pressure monitoring during loading and elution gives users the security they need to operate the system without supervision. If a pre-defined pressure value is exceeded, the system will stop the processing of this sample, which will be marked in the sequence list for post-processing action. Then the system will continue with the next sample.

A table specifically designed for FREESTYLE XANA is also available providing space for all components and enabling comfortable working.

See all the advantages and the sophisticated technology of FREESTYLE XANA for yourself at **analytica 2016 in Munich, Germany, in hall A2 booth 400**.

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About LCTech GmbH

LCTech GmbH is based in Dorfen, Germany. Since 1998, it has been developing and supplying products and methods for the preparation and analysis of food, animal feed, forensic and environmental samples. The product range includes both semi and fully automated sample preparation systems as well as consumables utilised in the analysis of contaminants and residues.

LCTech is represented worldwide through a well-developed distributor network and also acts as the exclusive distributor for PICKERING Laboratories in Europe, Africa and the Arab countries.

Worldwide, many customers – including governmental and contract laboratories focusing on food and feed analysis, and also those based in the pharmaceutical industry or research – equally appreciate both, the modern and efficient products of LCTech as well as its responsive and competent customer support. More information is available online via **www.LCTech.de**.

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Pages: 2

Press Information:
Words: 337
Characters: 1,797 (without spaces)
Lines: 36