Waters

NEWS RELEASE

Waters Automates Solid Phase Extraction of Biological, Food and Environmental Samples with Andrew+ Pipetting Robot

10/11/2022

News Summary:

- New Extraction+™ Connected Device automates and documents SPE methods, shaving hours off sample preparation for biological, food, forensic, environmental, and clinical research applications.
- Waters OneLab™ Software guides users through the process of creating, optimizing and transferring sample preparation methods across different labs and users.
- Automated solution frees up scientists to perform other tasks, minimizes human error that can compromise results, and helps ensure assay performancei.

MILFORD, Mass.--(BUSINESS WIRE)-- Waters Corporation (NYSE:WAT) today introduced **Extraction+ Connected Device**, a new software-controlled product for the Waters™ Andrew+™ Pipetting Robot that automates the preparation of biological, food, forensics and environmental samples by solid phase extraction (SPE). The Extraction+ Connected Device eliminates the need to manually pipette and extract samples with a hands-free, automated approach to SPE. It can save scientists up to four hours of bench time for each sample set and reduce the risk of user-to-user variability.ii

The Extraction+ Connected Device fully automates negative pressure, solid phase extraction sample preparation methods when combined with the Andrew+ Pipetting Robot. (Photo: Business Wire)

"Reproducing the results of research studies is a common challenge across scientific disciplines, and SPE techniques that are error-prone and difficult to repeat are a significant cause," said Erin Chambers, Vice President, Chemistry, Waters Corporation. "The Andrew+ Pipetting Robot with Extraction+ Connected Device and OneLab Software helps analytical laboratories improve reproducibility while giving bench chemists up to four hours back that would

otherwise be spent on manual pipetting and sample extraction."

The Extraction+ Connected Device is one of several “connected devices” for the Andrew+ Pipetting Robot, which are controlled using Waters’ OneLab Software. With a simple and intuitive user interface, OneLab Software makes it easy for designing and executing automated sample preparation protocols such as pipetting, shaking, cooling and heating, and purifying genomic, plasmid and mitochondrial DNA samples. The Extraction+ Connected Device consists of a new smart pump, a manifold for holding 1cc, 3cc and 6cc cartridges or elution plates, and software for creating and controlling pressure gradients during SPE cleanup procedures.

The Extraction+ Connected Device is now available from Waters worldwide.

Additional Resources

- Learn more about the **Extraction+ Connected Device**
- See what fully-automated SPE looks like with **this video**
- Download a copy of the **Extraction+ Connected Device infographic**
- Follow and connect with Waters via **LinkedIn**, **Twitter**, and **Facebook**

About Waters Corporation (**www.waters.com**)

Waters Corporation (NYSE:WAT), a global leader in analytical instruments and software, has pioneered chromatography, mass spectrometry, and thermal analysis innovations serving the life, materials, and food sciences for more than 60 years. With more than 7,800 employees worldwide, Waters operates directly in more than 35 countries, including 14 manufacturing facilities, and with products available in more than 100 countries.

i **Fully Automated Bioanalytical SPE Sample Preparation Using the Extraction+ Connected Device with the Andrew+ Pipetting Robot**
ii Represents time saved from having to attend to an unautomated 96-well extraction plate SPE method.

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Source: Waters Corporation