

Grant Instruments launches two new ranges of digital and analogue ultrasonic baths

- *Range includes five digital baths (XUB range) and two analogue baths (XUBA range); all baths supplied with stainless steel basket and plastic (ABS) lid as standard*
- *Fully-featured XUB digital range offers advanced validation, traceability, control and cleaning; frequency LEAP technology significantly improves ultrasonic cleaning results by reducing dead spots and standing waves throughout the tank*
- *XUB and XUBA ultrasonic baths offer exceptional value-for-money and are suitable for wide range of laboratory, pharmaceutical, medical and healthcare applications*

CAMBRIDGE, UK, June 23, 2010 - Grant Instruments (www.grant.co.uk), a world-renowned supplier of scientific, life sciences and data acquisition products, has unveiled an advanced range of high quality, robust, fully-featured digital and analogue ultrasonic benchtop baths. The baths are designed to meet the growing need for reliable ultrasonic cleaning in laboratories and across pharmaceutical, medical, healthcare and industrial applications.

The new range consists of five digital ultrasonic baths (XUB range), ranging in size from 4.5 to 25 litre working capacity versions, and two analogue ultrasonic baths (XUBA range), available in 1.5 and 2.5 litre working capacity versions. Offering exceptional value-for-money, all the baths come supplied with stainless steel baskets, ergonomic plastic (ABS) lids and M2 detergent solution and offer a 2-year warranty as standard.

The XUB digital range boasts many new features including frequency LEAP technology which significantly improves ultrasonic cleaning results by reducing dead spots and standing waves throughout the tank. Using advanced software and ultrasonic generators, the XUB baths use frequency LEAP technology to create a pseudo-random leaping action between a wider frequency range. This delivers improved cleaning results when compared with frequency sweep technology, for example, as it delivers more homogenous cavitation activity throughout the tank.

The XUB digital baths are also fitted with an integral SD port which provides digital validation and traceability of every ultrasonic cycle. When the supplied SD card is plugged into the port, the set cycle parameters and cycle results are immediately saved on the card for easy transfer to a PC. The digital LCD control panel on the XUB range also allows accurate control of time (0-99 mins), temperature (ambient +5°C to 70°C), degas mode and the fluid level sensor.

Nathan Neal, director of sales and marketing at Grant Instruments, said: "Ultrasonic baths have been used in the healthcare sector for a number of years for decontaminating surgical instruments but with the increased focus on stringent infection control we are now seeing more and more use of ultrasonic baths in laboratories and across other sectors.

“Our new ultrasonic range, in particular the digital baths with their improved cleaning results, validation and traceability features, are designed to meet our customers’ needs and deliver the consistency in critical cleaning that is a prerequisite for so many of today’s applications.”

Grant’s XUBA analogue range is designed for use in environments where only small items are to be processed and complex controls are not required, for example, in medical and healthcare surgeries, tattooists and chiropodists.

The Grant XUB and XUBA ultrasonic baths complement Grant’s Aqua Plus family of unstirred, shaking and boiling water baths and its Optima™ series of stirred thermostatic baths and heating circulators and form part of Grant’s comprehensive range of scientific products. This includes block heaters and coolers, baths/circulators and re-circulating chillers, and under the **Grant-bio** brand, thermoshakers, rockers, rotators and shakers, centrifuges and vortex mixers.

Grant has been designing, manufacturing and distributing scientific products for nearly 60 years and has established a worldwide reputation for high quality, reliable and robust equipment designed to satisfy the most demanding applications for research in life sciences, chemical and general laboratories.

For more information about Grant’s wide range of scientific products, please visit www.grant.co.uk . Alternatively, please telephone +44 (0) 1763 260 811 or e-mail scientificsales@grant.co.uk.

A high resolution photograph of the Grant ultrasonic bath range is available at www.grant.co.uk/Company/News .

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About Grant Instruments

Grant Instruments (Cambridge) Limited (www.grant.co.uk) is a world renowned supplier and manufacturer of scientific, life sciences and data acquisition products. The company has been designing, manufacturing and distributing scientific products for nearly 60 years and has established a worldwide reputation for high quality, reliable and robust systems designed to satisfy the most demanding applications for research in life sciences, chemical and the general laboratory. Headquartered at Shepreth on the outskirts of Cambridge, England, the company has an extensive network of dealers and distributors servicing Europe, the Americas, and the Asia Pacific region.

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