



Hans J. Michael GmbH



Overall demand up by 15% with on-site calibrations showing most significant rise

Demand for Cherwell's SAS Air Sampler Calibration service continues to rise year-on-year

Cherwell Laboratories, leading supplier of microbiology media and instruments for pharmaceutical and related industries, is delighted to announce the continuing growth in the number of SAS air samplers it services and recalibrates for customers. The quality of Cherwell's service is underlined by a 15% increase in the total number of units calibrated in the year-to-date compared to the same point in 2015.

Cherwell has been supplying and calibrating SAS microbial air samplers in the UK for over 30 years, and its engineers are focused on ensuring fast turnaround times to provide the highest level of service to customers. Servicing and calibration primarily take place within Cherwell's own workshop and calibration lab, and the company also provides on-site calibration services at customer facilities in situations where SAS air sampler downtime must be kept to an absolute minimum. The rise in demand for this on-site service has been the most significant, and the number of units calibrated on-site at customer locations to date in 2016 has already equalled that of 2015. This follows a 30% increase in 2015.

As part of its ongoing commitment to ensuring the highest quality service and fastest possible turnaround times, Cherwell has recently upgraded its facility with



Cherwell has supplied & calibrated SAS microbial air samplers to the UK for over 30 years.

new service management software. Iain Wren, Engineering Manager of Cherwell Laboratories' Engineering Department comments: "Utilising this integrated system has allowed us to enhance the service we provide to customers. Our engineering team now have easier access to service history and improved ability to track the status of equipment during service and calibration activities, improving efficiency. Communications can now come directly from our workshop, allowing us to work more closely with customers and provide them with an improved all-round experience."

The reliability and robustness of the SAS samplers, combined with Cherwell's expert knowledge and servicing capabilities, ensure that Cherwell's customers can have maximum confi-

dence in their monitoring data. The company still routinely calibrates instruments sold over 20 years ago, confirming the lifetime value of the SAS air samplers. The range includes a wide selection of portable hand held units, a compressed air sampling device and an isolator specific unit, all of which provide benefits for specific environmental monitoring purposes.

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Successful TIIS certification

Japanese approval for intrinsically safe EE300Ex humidity and temperature transmitter



The intrinsically safe EE300Ex humidity and temperature transmitter from E+E Elektronik has been certified according to TIIS. The device, which already meets the relevant requirements for Europe and North America (ATEX, IECEx, FM), may now be employed in Japan as well. TIIS-certified EE300Ex devices can be obtained from the Japanese E+E sales partner TEKHNE Trading Co., Ltd.

EE300Ex is dedicated for use in potentially explosive environments and can be installed directly in both gas and dust hazardous areas of zone 0 / 20. The device accurately measures relative humidity and temperature in the range from 0 to 100% RH and -40 to 180°C (-40...356 °F) with pressure rating up to 300 bar (4351 psi). The EE300Ex is also available for moisture measurement in oil as well as for temperature measurement only.

The EE300Ex is very easy to install due to the separation of the measurement unit and the connecting area. The two-part enclosure allows the measurement unit to be removed for maintenance or calibration, while the connecting area remains in place with intact wiring.

The EE300Ex is available as wall mount or with a remote sensing probe with up to 10 m probe cable length. The measured values are shown on the optional display. The enclosure and the probe of high-quality stainless steel are suitable even for harsh industrial conditions. The proprietary E+E coating protects the sensors from contamination and corrosion, which leads to outstanding long-term stability.

The measured values are issued on two 4...20 mA outputs. In addition to the measured relative humidity and temperature, the EE300Ex calculates other physical quantities such as dew point or frost point temperature, absolute humidity and mixing ratio. Individual configuration of the transmitter and adjustment of the analogue outputs can be easily performed with the free configuration software.



TIIS-certified: the EE300Ex humidity and temperature transmitter. (Photo: E+E Elektronik GmbH)



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Dear subscribers,

Cleanzone Fair in Frankfurt is only a few days ahead. Interesting lectures and workshops are on offer as well as the opportunity to get in touch with experts and insiders. Reinraum online will be present, too, and we look forward to seeing you on our booth No. J23 in order to chat and to hear your feedback on our publication.

And don't forget to enroll for the plenitude of events and workshops in November and December. This year, the calendar of events is tightly filled. So sign up quickly!

Yours sincerely

Reinhold Schuster

The Gerresheimer plant in the Spanish town of Zaragoza optimizes the business model to meet the pharma expectations by including a total solution of bottles and caps. All processes are following the target "Customer in Focus" to make sure the clients perceive this as more than an adaption.

Gerresheimer Zaragoza in Spain optimize production of PET pharma bottles



"All the staff at the plant have been working very hard to facilitate the optimization of Gerresheimer Zaragoza into a competence center for amongst other pharmaceutical bottle and closure production," commented Niels Düring, Global Executive Vice President Plastic Packaging. The optimization of

the production processes, all the associated technical modifications and the construction of a new ISO class 7 clean room have already commenced. The product portfolio has also been adapted to reflect customer requirements.

Plastic pharmaceutical bottles and closures

Gerresheimer has decided to roll out new technology for pharmaceutical bottle production in Zaragoza. The new, high-performance machines manufacture PET bottles in higher quality, both as a result of the optimized machine technology and due to improved material distribution. The bottle top design has been modified so that the bottles can be fitted with any kind of closure system, from tamper-evident and child-safe closures, at one end of the scale, to simple stoppers, on the other. Production of PP128/PP28

standard closures and accessories has now commenced in Zaragoza. The plant offers a total solution with tamper evident closures. In other words, Zaragoza is evolving into a system supplier of high quality PET pharmaceutical bottles.

The new clean room

By October 2016 construction work will be finished and the new ISO 7 clean room will be ready. The new 600 square meters clean room is designed to house nine injection stretch blow moulding (ISBM) and injection moulding (IM) machines, and another six can be successively installed before the maximum capacity of fifteen in total is reached.

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Next milestone: Gerresheimer Bolesławiec in Poland

Highest quality vials: Gerresheimer consistently implements its vial machine strategy

Gerresheimer has set up an investment program spanning several years to install state-of-the-art converting machines for vial manufacturing at all its plants. The latest-generation machines and global high standards will enable it to meet even more stringent future requirements of product quality. The first two machines have now been installed and put into operation in Boleslawiec, location of one of Gerresheimer's two Technical Competence Centers for vial production in Europe. The third machine is scheduled for installation soon, followed by additional new machines in 2017 and 2018.



"Our investments have already paid off; reflected by the fact that the new machines manufacture vials in cosmetic and dimensi-

onal quality that by far surpasses the industry standard. That's why the first customer feedback has been so positive," said Jens Heymann, Global Vice President Finance & Controlling und Senior Vice President Europe & Asia Tubular Glass.

The aim of this project has been absolutely clear from day one: Gerresheimer wants to supply its customers with significantly improved vials in the highest possible quality. Gerresheimer Boleslawiec is the European milestone confirming that the global project is fully on schedule.

Extensive renovation work was necessary before the new machines could be installed. The floor and lighting systems were

replaced, the clean room was upgraded and extended, and the existing machine layout was changed. These are just a few aspects of the extensive refurbishment program that was implemented to prepare the plant for the ultra-modern machines.

Vials are one of Gerresheimer's top-selling products. They are also one of the most frequently used pharmaceutical packaging products in the world. Gerresheimer manufactures them in the USA, Asia and Europe with filling volumes of between 1 and 50 ml.

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Connect 2 Cleanrooms Announce Redeveloped Responsive Website

Connect 2 Cleanrooms has redeveloped its Cleanroomshop.com website, using the latest trends in e-commerce for its specialist range of cleaning products, equipment and furniture.

Today's purchasing departments have high expectations of the technology they use for their purchasing and this drives a culture of constant improvement for websites, with a focus on user experience.

Connect 2 Cleanrooms wanted to harness this trend for its clients and so have been working in partnership with a prolific web agency in Manchester, the North West's digital hub.

Together they have redeveloped Cleanroomshop.com onto a world-leading website platform, making it responsive across desktop, tablet and mobile devices - as well as adding a raft of new features that will streamline its visitor's experience.

The Lancaster-based company is known for being progressive with its use of technology and earlier this year won Online Business of the Year at the Red Rose Awards.

The newly re-launched Cleanroomshop.com allows visitors to navigate smoothly through its extensive range - through the use of filters, product comparisons and smart search - allowing them to easily find the right product for them.

This is particularly important considering the highly technical nature of the products in Cleanroomshop.com's range - its clients require specialist products with efficacy and performance data and certification behind them - meaning it can be difficult to assimilate all the data to find the most suitable product.

"It was a challenge that we needed to meet head on" says Sean Fryers, Marketing Manager at Connect 2 Cleanrooms.

"Our clients require a raft of technical data to support the products they use in their cleanrooms, but they also need to be able to quickly source, compare and order



products. We have been working hard to create a balance between providing the data they need, whilst improving the site's navigation to really simplify the ordering process for our clients."

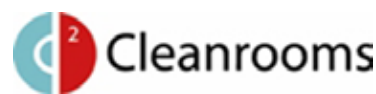
Fryers says they kept their customers at the heart of the development. "We consulted our clients who order through our website regularly and found that they are all really time strapped - so we needed to make ordering through our website more convenient.

"This is why we've implemented functionality such as our new quick order feature - it allows our regular clients to quickly re-order products. Combine this with our new one-step checkout and ordering with us has been impressively streamlined."

With a global client base, the new and improved Cleanroomshop.com website is now even easier to use for international purchasing - with updates including tailored international content, as well as enhanced shipping and currency options.

Visitors to the website have always been offered the ability to purchase in Sterling or Euros, but now this multi-currency capability has been extended to include US Dollars.

Further features include a quote builder, product videos, reviews and questions, along with increased security from well-known payment gateways, PayPal and SagePay.



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