

Bioforum

Newsletter of The Biopharma Group

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Issue 7



SUCCESSFUL COURSES IN CHICAGO & AMSTERDAM, MORE PLANNED!



During February and March 2003, BTL have conducted two courses in freeze-drying technology, building on the successful formula used in the UK. These took place in Chicago, IL, USA and Amsterdam, The Netherlands. Both courses were well attended and offered participants the

opportunity to gain a real understanding of the basics of the process and the equipment used, as well as the behaviour of formulations, how to analyse them for specific freeze-drying characteristics and how a formulation and its efficiency of processing may be improved. Those attending were given ample opportunity for interaction with the speakers. The comprehensive package of course notes was also particularly well received, comprising not only copies of presentation slides, but also a purpose-written chapter on each topic for future reference.

Courses are currently being planned for later in 2003 in San Francisco, CA, USA (8th-10th October) and Winchester, UK (10th-13th November). Please contact us for further details, or indeed if you are interested in a tailor-made course to suit your own requirements.



Demo System of Lyostat 1 for sale!!

Following the recent launch of Lyostat 2, our second-generation freeze-drying microscope system, we are delighted to announce that we are offering our demonstration system of Lyostat 1 for sale at a bargain price of...

£4,995.00 (ex. VAT)

Lyostat 1 is a fully integrated freeze-drying microscope that enables critical events such as collapse and melting to be observed in situ, as well as characteristics such as skin or crust formation to be observed and identified. The system is based around a vacuum-tight, temperature-controlled stage, which acts as a 'micro-freeze-dryer'. The freezing and drying behaviour of a thin layer of sample can be determined visually using a camera, and the system can be controlled through a PC, which provides image- and data- capture and archiving functions.

A similar system is shown in the picture to the right, but the demonstration system comes with a zoom colour CCD camera instead of a stereomicroscope.



For further details about the Lyostat 1 demo system, or indeed for information about our new Lyostat 2 microscope, please contact the Biopharma sales team either by phone on +44 (0)1962 841092, or by e-mail at sales@biopharma.co.uk

OFFICE HOURS

Please note our office hours are now

8.30am to 5.00pm Monday to Thursdays 8.30am to 2.30pm on Fridays

News Update

- **Biopharma Technology Limited Exhibiting at ACHEMA 2003**

Biopharma Technology Limited will be one of more than 4000 exhibitors attending ACHEMA 2003. The Annual Congress on Chemical Engineering, Environmental Protection and Biotechnology will take place on May 19th to 24th 2003 in Frankfurt.

BTL will exhibit and offer demonstrations of its full product range, including the *Lyostat 2* fully integrated freeze-drying microscope, and the *Lyotherm*, which provides an integrated Differential Thermal Analyser (DTA) and electrical resistance analyser within one instrument. Along with product displays and equipment demonstrations, BTL will also provide extensive knowledge on their wide range of freeze-drying services.

Biopharma Technology Limited will be situated in the Laboratory and Analytical Techniques Exhibition, Hall 6.3 on Stand B6.

- BTL's Dr Kevin Ward will be presenting an in-depth session on freeze-drying microscopy and thermal analysis, together with Dr Vicky Kett from Queen's University Belfast, at Barnett International's Lyophilization Conference, to be held in Brussels, Belgium on June 30th – July 1st, 2003.

- We will also be present in Breckenridge, Colorado, USA at the biennial Protein Stability Conference, organised by Professor John Carpenter of the University of Colorado, which is to be held from 16th – 19th July, 2003.

- In keeping with BTL's reputation for being at the forefront of freeze-drying technology, we are organising assisting the UK's Parenteral Society in a seminar on Freeze Drying on October 21-22, 2003, where a number of speakers will present on a wide range of topics within the realm of freeze-drying, from formulation and analysis to scale-up and industrial issues. The programme is designed to reflect the real and practical challenges we all currently face in the world of freeze-drying and offers the opportunity to exchange views and ideas with others in the industry, scientists, manufacturers, regulators and end-users.

New Appointment



David Banks

David joined BTL in February 2003 as Research Technician, following studies in Neuroscience at the University Of Manchester Medical School, and experience in the pharmaceutical sector and in analytical chemistry laboratories. David performs analytical work, assists with the preparation of written reports, standard operating procedures and quality assurance documentation.

“Lyophilisation sans Frontières!”

Since the last newsletter, where we reported the taking on of our American and Japanese agents, BTL has continued to expand its profile worldwide. We had a poster presentation at the Japanese Pharmaceutical Conference in March, giving details of analytical data produced using our Lyotherm instrument. In addition to raising our profile in Japan and the USA, we have also had new clients so far this year from Ireland, Belgium, Denmark and India.