



Culham Exhibition Diary Extra

tomorrow's technology for today

4th June 2003 Thermo Vacuum Generators

Representatives from Thermo Vacuum Generators reported they had a great day at Culham displaying their new magnetically-coupled rotary drives and SoftShut control valves, as well as a selection of other standard components from their catalogue. They would like to thank all staff on the Culham site who visited their exhibition in the main foyer.

Thermo Vacuum Generator's magnetically-coupled drives are available in a range of torques and mounting flanges and can be automated using stepper motors or pneumatic actuators. Their magnetically-coupled drives produce extremely low stray magnetic fields and are ideal for use in high life cycle applications where

bellows-sealed drives may present a risk of vacuum failure.

Their control valves combine the unique, patented, SoftShut gate valve action with a state-of-the-art adaptive pressure controller. This provides millions of steps of position resolution giving unrivalled control over a wide range of pressure and flow conditions. The extremely precise control of the gate in the near-closed position allows step changes in pressure to be made with very small overshoot and rapid settling times.

Thermo Vacuum Generators has been manufacturing high quality UHV components for over 30 years. "The opportunity to display our components at one of the UK's top scientific research centres was not to be missed," said Richard Frost. "We met people that we have worked

with in the past and also made many new contacts. The open day was a great success for us and we look forward to participating in future events at Culham."

**For more information please contact:
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Tel: 01424 856314**



18th June 2003 Lee Dickens Exhibition

Gyles Dickens and Lawrence Woolgar from Lee-Dickens Ltd recently conducted an instrumentation exhibition at Culham.

Site Engineers were able to see products and discuss issues on a wide range of projects which included applications for temperature, humidity, level, load cells, pressure, signal conditioning, indication, remote monitoring systems and electronic sub contract design & manufacture. The event enabled Culham personnel to discuss possible solutions for current and future projects.

For more details on products or for application advice please contact Lee-Dickens Ltd on 01536 760156.



Visitor's Book

"This was LINOS' first in-house exhibition at Culham. It was such a success that in addition to returning next year, we will be actively seeking out similar opportunities at other research establishments."

Martin Bell, Product Manager for LINOS Photonics Ltd.

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Richard Frost, Thermo Vacuum Generators.

26th June 2003 The Institution of Electrical Engineers (IEE)

The Institution of Electrical Engineers (IEE) spent a useful day at Culham advising those working in

electrical, electronic and software engineering on a number of issues to do with their professional development.

The IEE's Regional Executive, Polly Duhig and her colleague Martin Copland were able to provide help and guidance to individuals looking at becoming Chartered Engineers and to discuss the benefits of IEE membership. Polly Duhig said, "All visitors to the stand

were able to find out about our wide range of specifically tailored products, services and qualifications designed by the IEE to meet the needs of today's technology industries and to support engineers and the companies they work for."

If you were unable to visit the stand and would like to find out more, please contact Polly Duhig on 07796 141357 or pduhig@iee.org.uk or visit the IEE's website at www.iee.org



2nd July 2003 LINOS Photonics

In early July, LINOS Photonics Ltd (the UK subsidiary of the LINOS Group) welcomed the opportunity to display a small selection of their 3500+ catalogue products

to Culham staff. Items on the stand included optics, optical mounts, electro-optics, positioning systems and vibration isolation equipment.

This was their first in-house exhibition at Culham and it proved so successful that they are planning to return next year. Their eye-catching range of working positioning systems, including a high-speed, high-resolution 3-axis actuator and a surface-profiling demo similar to one

recently implemented at the JET facility at Culham proved particularly popular and attracted quite a crowd to their display.

LINOS' history stretches back to 1898 when two young German scientists set up in business producing microscopes, field glasses, prism binoculars and precision mechanics. Over the years, their company, Spindler & Hoyer, grew into one of Europe's largest optical companies - the LINOS Group. Today LINOS continues the tradition, specialising in the design and manufacture of high precision optics and mechanics for research and industry.

For further information please contact Martin Bell on 01908 262525 or martin.bell@linos.co.uk or visit their website at www.linos.co.uk



Future Events

Upcoming Exhibitions

17 September 2003	-	Alcatel Vacuum Technology (UK) Ltd
1 October 2003	-	Meggitt Polymers & Composites
15 October 2003	-	HV Skan Limited
5 November 2003	-	Lemo (UK) Ltd
19 November 2003	-	Gemini Group of Companies
3 December 2003	-	Accles and Pollock

Fusion & Industry Events

18/19 September 2003 - United Kingdom Science Park Association (UKSPA) conference co-hosted by UKAEA Culham

If your company would like to stage an exhibition at Culham please contact deniese.willis@ukaea.org.uk or call 01235 466608.