



NEWS RELEASE

Copley Scientific to launch new low capacity pump for inhaler testing at DDL 19

17 October 2008: Nottingham; UK In response to customer demand, Copley Scientific is launching a new pump for inhaler testing at low flow rates. The Low Capacity Pump LCP5 will make its debut at Drug Delivery to the Lungs (DDL) 19 to be held in Edinburgh, UK, from 10 to 12 December 2008.

All inhaled drug products are tested using the *in-vitro* technique of cascade impaction, which determines the aerodynamic particle size distribution of the aerosol produced. Generating the appropriate air flow rate through the impactor during testing is an important performance factor.

The LCP5 is a small footprint, sound insulated, low vibration vacuum pump designed for optimal operation at low flow rates. This makes it ideal for nasal sprays and metered dose inhalers (MDIs) which are tested at 28.3 (or 30) L/min, and nebulisers which are typically tested at 15 L/min. The pump, which includes an in-built variable flow control valve and the required hose fittings, is suitable for use with all USP and Ph.Eur. specified impactors. This includes both the Andersen Cascade Impactor (ACI) and Next Generation Pharmaceutical Impactor (NGI). Copley also offers a well-established high capacity pump for the higher, sonic flow rate testing requirements of dry powder inhalers (DPIs).

Experts from the company will be on hand throughout DDL to provide advice and discuss the full range of products. Copley Scientific's commitment to the inhaler development community is further underlined by its sponsorship of the European Pharmaceutical Aerosol Group (EPAG) plenary and impactor sub-group meetings, to be held in Edinburgh prior to DDL.

DDL (Drug Delivery to the Lungs) is the premier European conference relating to the development of inhalers for the treatment of respiratory illness and the delivery of systemic therapeutics. www.copleyscientific.com

Ends

Image, notes and contact details follow...

High resolution image attached and/or available from Claire England, Kapler Communications claire@kapleronline.com Ref: COP/JOB/059

Caption: The new Low Capacity Pump LCP5 from Copley Scientific



About Copley Scientific

Copley Scientific is recognised as the world's leading manufacturer of inhaler test equipment and is a major supplier of test equipment for pharmaceutical solid dosage forms, including tablet dissolution, disintegration, friability, hardness and powder testers. The company has offices in the UK and Switzerland and a partnership with aerosol particle science experts MSP Corporation in the US. Copley's broad range of testing products for metered-dose inhalers, dry powder inhalers, nebulizers and nasal sprays are supplied and supported worldwide through close relationships with specialist distributors. Serving the pharmaceutical and associated industries, Copley offers an extensive range of equipment for research, production, clinical trials and quality control, as well as full validation and aftersales service, providing a single source for products that meet individual needs.

www.copleyscientific.com

For further information

Press information

Trish Appleton, Kapler Communications
Knowledge Centre, Wyboston Lakes, Great North Road,
Wyboston, Bedfordshire, MK44 3BY, UK
Tel: +44 (0)1480 479280; Fax: +44 (0)1480 470343 trish@kapleronline.com

Company contact:

Mark Copley, Technical Sales Manager, Copley Scientific Limited
Colwick Quays Business Park, Private Road No. 2, Colwick, Nottingham UK NG4 2JY
Tel: +44 (0)115 961 6229 Fax: +44 (0)115 961 7637
m.copley@copeyscientific.co.uk www.copleyscientific.com

US Distribution

MSP Corporation
5910 Rice Creek Parkway, Suite 300, Shoreview, MN 55126 USA
Tel: +1 651-287-8100 Fax: +1 651-287-8140
Email: sales@mspcorp.com www.mspcorp.com