



## **NEWS RELEASE**

### **Particle counters give air pollution data in Beijing**

**19 August 2008; Nottingham, UK:** Sold in Europe by Copley Scientific (Nottingham, UK), wide-range particle spectrometers from MSP Corporation are being used to deliver precise, accurate data about air pollution in and around Beijing in conjunction with the Olympic Games.

Ahead of the Olympics, the Hong Kong Polytechnic University and Shandong University, working with Chinese environmental authorities, implemented MSP's Model 1000XP Wide-Range Particle Spectrometers to measure airborne particles. Measurements were made before, and continue during and after the Games in central, upwind and downwind locations around the city.

MSP's M-1000XP Wide-Range Particle Spectrometer is a unique particle-measuring instrument that uses laser light scattering, differential mobility analysis and condensation particle counting to measure and sort aerosol particles as small as 10 nanometers into 120 different size channels. Ten nanometers is the size of the smallest known virus, or roughly 1/10,000th the thickness of a human hair. Researchers will use these data to learn about particle formation and growth in different locations in Beijing.

The Wide-Range Particle Spectrometer was developed by a team of scientists and engineers at MSP, an aerosol/particle technology company based in Shoreview, MN. The instrument is used by researchers worldwide for highly precise and accurate airborne particle measurement in air pollution studies and laboratory research. [www.copleyscientific.com](http://www.copleyscientific.com)

**End**

**Image, notes and contact details to follow...**

**High resolution image attached and/or available from Luke Newman, Kapler Communications [luke@kapleronline.com](mailto:luke@kapleronline.com) Ref: COP/JOB/069**

**CAPTION:** MSP's M-1000XP Wide-Range Particle Spectrometer is a unique particle-measuring instrument that uses laser light scattering, differential mobility analysis and condensation particle counting to measure and sort aerosol particles as small as 10 nanometers into 120 different size channels.



**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 after-sales service, providing a single source for products that meet individual needs. [www.copleyscientific.com](http://www.copleyscientific.com)

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