



NEWS RELEASE
27 February 2007

**Copley Scientific launches spray force tester
for nasal sprays and MDIs**

***New system reflects growing importance of impaction force
in characterising pharmaceutical sprays***

Copley Scientific has launched the Copley Spray Force Tester SFT 1000. The new system reflects increasing recognition by both the US Food & Drug Administration (FDA) and the pharmaceutical industry of the importance of impaction force as a parameter for spray characterisation. Simple to operate, the SFT 1000 is a cost-effective option for the measurement of maximum spray force, for both nasal sprays and metered dose inhalers (MDIs). It is highly suitable for quality control and research and development applications.

Recent work by the FDA highlights the application of spray impaction force for *in vitro* equivalence studies, and raises the possibility of using maximum force measurements at different distances from the mouthpiece for quality control purposes. Of all the variables that can be used to characterise a spray, impaction force is the one most noticeable to the patient and is also closely correlated with aerosol deposition behaviour.

The SFT1000's highly sensitive load cell permits accurate measurement of maximum impaction force (+/- 2.5 mN) during the spray event. The distance between the test device and impaction plate can be simply set and/or varied using the precision slide rails with integral lock, and the impaction plate is easily removed for cleaning. The unit can be operated either vertically or horizontally for the representative testing of nasal sprays or metered dose inhalers respectively and the calibration can be easily verified, in the lab, by the user.

Ends

Image, notes and contact details follow...

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High resolution image attached and/or available from Trish Appleton, Kapler Communications trish@kapleronline.com Ref: COP/JOB/002

Caption: Copley Scientific's SFT1000



About Copley Scientific

Copley Scientific is a major provider of test equipment for pharmaceutical solid dosage forms, including tablet dissolution, disintegration, friability, hardness and powder testers, and is recognised as the world's leading manufacturer of inhaler test equipment. 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

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