



NEWS RELEASE
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Copley Scientific's new Waste Shot Collector helps simplify inhaler testing

The new Waste Shot Collector, Model WSC2, from Copley Scientific is a compact benchtop unit that efficiently captures the waste doses produced during inhaler testing. Suitable for both metered dose (MDI) and dry powder inhaler (DPI) applications, it minimises exposure to the test product and eliminates the need to use a ventilated area for testing.

Multi-dose MDIs and DPIs are tested for dose uniformity over the entire contents to verify consistent delivery. This involves the capture and measurement of ten doses throughout the life of the inhaler; the first three, the middle four and the last three. All other doses are fired to waste, conventionally into a fume cupboard or ventilated enclosure with appropriate drug capture facilities.

Used with a standard vacuum pump the WSC2 applies the same conditions during firing to waste that are applied during testing. In addition, the inlet of the WSC2 has the same profile as a USP induction port making it compatible with the mouthpiece adaptors used with delivered dose apparatus and cascade impactors. This makes it easy to ensure that all shots, whether to collection or waste, are discharged under identical conditions, improving test consistency.

Waste doses are captured in a disposable cartridge with the capacity to collect hundreds or thousands of shots. Material is trapped in an integral HEPA filter that retains 99.97% of particles over 0.3 microns in size.

Ends

Image, notes and contact details follow...

**Copley Scientific's new Waste Shot Collector helps
simplify inhaler testing .../2**

**High resolution image attached and/or available from Trish Appleton,
Kapler Communications trish@kapleronline.com Ref: COP/JOB/012**



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