

What's New at MET – September 2010

Excellence in Medical Device Testing



Brand New Website

Still packed full of really practical and valuable information, but now easier to navigate and with a brand new livery. Our 'information library' is still there, with articles covering device testing, packaging validation, equipment specification and much more. Take a look at www.met.uk.com

Environmental Pre-conditioning Getting More Popular

More and more of our clients are specifying pre-conditioning with their transit testing. Cardboard cartons are susceptible to weakening by certain environmental conditions (especially humidity). The protection which they afford to products in transit can be greatly influenced by the state of the carton. A variety of conditions can be selected from ISTA standards depending on the transportation you expect your shipping carton to take and where your products are stored.

Conditions	Temperature	Relative Humidity
Tropical	+38°C	85%
Desert	+50°C	low
Frozen	-20°C	low
Ambient/wet	+23°C	85%

MET can help you select the optimum program for transit and stability validation.

Cycled Physical Stress in Materials Testing

When selecting a material for a seal or a flexible part in a medical device there are 2 stability tests to consider: 1. will the material still have the same performance at the end of its shelf-life? 2. will it resist the cycling or repeat stress that it will experience in use and still perform as expected? These properties can be tested long before a product design is finalised. MET offers accelerated ageing combined with cycling tensile, flexing or vibration tests. This testing can be applied to: seals, balloons, vascular products, orthopaedics, alimentary tract products, catheters and much more.

Does Your Product Perform at All Atmospheric Pressures?

MET has pressure chambers available for product testing at elevated or reduced pressures. They are most frequently used for simulating different geographic locations whilst measuring the output of dispensing devices.

Call 08454 588924 or E-mail solutions@met.uk.com for impartial advice and free quotations.

www.met.uk.com