

MET News – May 2012

Team up with MET - Excellence in Medical Devices



Osmotic Pressure Testing

Further increasing our laboratory capability MET has now added osmolality testing to our armoury. This method for measuring the concentration of materials in aqueous solution is useful in checking the strength of formulations, contaminants, and the antibacterial effect of some topical treatments and dressings.

Standards Added to Capability List

A number of new standard tests have been added to our [capabilities web page](#). These include USP tests for elastomeric closures (residuals and extractables), ICH stability tests and ISO 20072:2009 Aerosol drug delivery device design verification. Our web site also houses a number of application notes for testing various devices:

[ISO 25539 Cardiovascular implants.](#)

[ISO 28620 Medical devices - Non-electrically driven portable infusion devices.](#)

[ISO 10993-18 Biological evaluation of medical devices - Part 18: Chemical characterization of materials](#) 

[ISO 11607 Packaging for terminally sterilized medical devices](#) 

[ASTM F88/F88M Standard Test Method for Seal Strength of Flexible Barrier Materials](#) 

[ASTM F1140 and F1929 Standard Test Methods for packaging testing](#) 

[ASTM F1980 Standard Guide for Accelerated Aging of Sterile Barrier Systems for Medical Devices](#) 

[Orthopaedics testing.](#)

[Tensile testing](#)

Vertical Loading Pouch Machine Videos

The JR Maruani pouch packing machines are now available showing the new vertical loading module. This assists the loading of wide variety of mobile products into four sided medical pouches.

Blister Tray Sealer Adds New Features

The Belco Packaging Systems medical tray sealer now sports several new options. These include bar code reading of product details, auto shuttling, printing, feeding of tray lids, vision verification of blister contents and Class III construction.

Forensic Work Carried Out at MET

MET is carrying out its first forensic work. The project involves analysing product failures and relating them to performance characteristics of various items. This type of work is typical of our *First Line QA* service. The service has proved very useful for manufacturers and distributors, large and small. No need to have soiled customer returns entering your premises. Have product returns sent directly to MET for decontamination and subsequent failure mode analysis.

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

www.met.uk.com

Thought provoking snippets from MET – May 2012

If we could reduce the world's population to a village of precisely 100 people, with all existing human ratios remaining the same, the demographics would look something like this:

The village would have 61 Asians, 13 Africans, 12 Europeans, 9 Latin Americans, and 5 from the USA and Canada

50 would be male, 50 would be female

75 would be non-white; 25 white

80 would live in substandard housing

16 would be unable to read or write

50 would be malnourished and 1 dying of starvation

33 would be without access to a safe water supply

39 would lack access to improved sanitation

24 would not have any electricity (And of the 76 that do have electricity, most would only use it for light at night.)

8 people would have access to the Internet

1 would have a college education

1 would have HIV

2 would be near birth; 1 near death

5 would control 32% of the entire world's wealth

48 would live on less than US\$ 2 a day

20 would live on less than US\$ 1 a day

<http://www.familycare.org/special-interest/if-the-world-were-a-village-of-100-people/>

<http://www.worldof7billion.org/>