

## **MET News – October 2012**

### **Team up with MET - Excellence in Medical Devices**

#### **Accelerated Ageing Calculator**

The MET web site now includes an accelerated ageing period calculator. You can input your desired shelf life and the calculator reports the number of days ageing required at your chosen temperatures. The Real Time Equivalent is calculated as described in ASTM F1980 - 07(2011) Standard Guide for Accelerated Ageing of Sterile Barrier Systems for Medical Devices. Try it for yourself: [Real Time Equivalent period calculator for Accelerated Ageing](#)



#### **Packaging Machine Validations Conducted Across The Globe**

The RAMAC blister tray forming and sealing machine is proving to be a real hit. MET has been validating the machines in several European countries and will soon be doing so in the USA. Our IQ, OQ, PQ protocol puts the machine through its paces following clean room installation. The production qualification / validation program is based on our article: [How To Validate A Packaging Process](#)

#### **The Range of Laboratory Tests Offered by MET is Still Increasing**

Recent chemical analysis projects include: analysis of contamination on stainless steel surfaces; and leachables and migration testing of materials from parenteral products. These projects included elemental analyses such as: atomic absorption spectroscopy (AAF), electron microscopy with energy-dispersive X-ray spectroscopy (SEM-XDF) and molecular analyses such as: gas chromatography with mass spectroscopy (GC-MS) and absorption spectroscopy (IR, UV).

[Learn more here.](#)



#### **New Torque Gauges From Mark 10**



The updating of the Mark 10 range of force testing equipment continues apace, with all the various torque measurement tools being given the latest features. There is a chuck based measurement device for testing connections, taps and valves, and user controls. There are also specific products for tool testing and bottle cap torque testing. [See Mark 10 products at MET.](#)

Call 08454 588924 or E-mail [solutions@met.uk.com](mailto:solutions@met.uk.com) for impartial advice and free quotations.

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