

## **From hot to ice cold in less than 10 seconds**

### **Temperature Shock Test Chamber Model TS 60**

Weiss Umwelttechnik GmbH will be unveiling the new TS 60 temperature shock test chamber at the electronica 2008. Its most striking features are the high temperature difference of up to 300 °C between the two temperature chambers, the brief alternating time of less than 10 seconds between the chambers themselves and the simple, practically maintenance-free operation characteristics of the unit. More than 1000 temperature cycles can be realised without defrosting.

A temperature shock test chamber is utilised to determine if a sudden change in temperature effects the ability of a specimen to meet the performance requirements expected of it in the long term and, consequently, whether it can be employed for safe and reliable operation. Targeted provocation of early failure and forecasting of the service life expectancy of specimens are also possible.

The TS 60 is delivered as a turnkey unit with a test chamber volume of 60 litres. Maximum user-friendliness is guaranteed during operation by the 12" TFT-colour touch screen display and the tried-and-trusted SIMCONTROL\* software package. Control is realised by the 32-bit-I/O-system SIMPAC\*. The temperature in the hot zone can be adjusted for temperatures ranging from +50 °C to +220 °C, while the cold chamber can be configured for temperature values between -80 °C and +70 °C.

Further information, please visit our website **[www.weiss.info](http://www.weiss.info)**.