

Climature monitoring at the Deutsches Museum in Munich using measurement solutions from Testo.



From coaches, classic cars and space suits through to musical instruments – the Deutsches Museum in Munich contains a wide variety of exhibits that all need protecting from the wrong climatic conditions. Those in charge rely on measurement solutions from Testo in order to prevent corrosion, mould or cracking.

Both the testo 175 temperature and humidity data loggers and the testo Saveris measurement data monitoring system are used at the museum's three sites to measure, monitor and document climatic values.

The Deutsches Museum

The Deutsches Museum in Munich, founded in 1903, is the most heavily frequented museum in Germany, with around 1.3 million visitors every year. It displays objects from around 50 areas of science and technology, over an area of 73000 m². The goal of the museum's management is to communicate scientific and technical insights to visitors in a comprehensible way. As well as the main building on Museum Island, further attractions are the aviation museum Flugwerft Schleißheim and the transportation centre at Theresienhöhe.



Photo: Deutsches Museum

The challenge.

Temperature and humidity measurements are required at the Deutsches Museum for various reasons:

- Exhibits such as the keyboard instruments in the musical instrument collection are particularly sensitive to temperature and humidity. Climatic values and limit value violations need to be reliably monitored, stored and documented.
- Some exhibition rooms can develop into climatically critical areas depending on the weather and seasonal conditions. In view of this, the measuring instruments need to be flexible and easy to use.
- Adherence to contractually agreed temperature and humidity values must be provable to lenders. For this reason the climate data needs to be documented clearly, continuously and graphically in weekly or monthly reports.

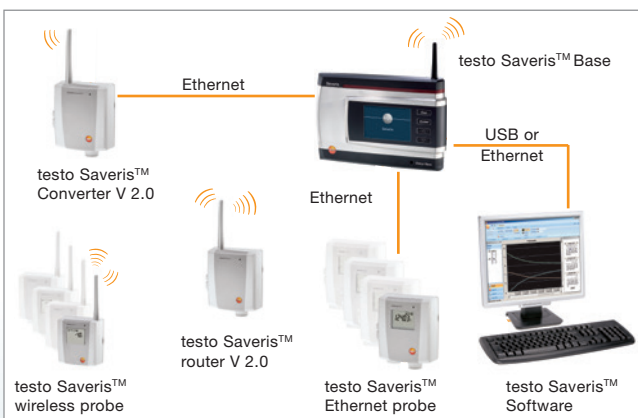
The solution.

With the testo Saveris measurement data monitoring system, the Deutsches Museum has fully automated the climate monitoring system within the musical instrument collection, which is a particularly climate-critical area. If upper or lower limit values are exceeded, testo Saveris alerts those in charge via SMS or e-mail.

The testo 175 H1 data loggers are noted for their wide measurement range, high level of accuracy and their reliability, flexibility and operational convenience. Further advantages include long-life batteries, a battery status display, a large storage capacity and a wall bracket, which is included in the scope of delivery. Add to this easy programming via USB cable, data readout via SD card and reporting in the form of climatic graphs, among other options.

More information.

For more information and answers to all your questions concerning temperature monitoring in museums at www.testo.com.



The measurement data monitoring system testo Saveris with its components