



Museum Artifact and Archival Preservation

While a museum's first priority is to make their collections accessible to the public, it also must ensure that each artifact is protected and preserved from harmful environmental conditions.



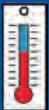
Challenge:

If uncontrolled, fluctuating temperature levels can cause damage due to blistering, flaking, warping, melting etc. While an unfavorable relative humidity (RH) index can cause fungal growth, discoloration, static electricity and acceleration in the degradation of certain materials. A gallery must make things comfortable for patrons, while ensuring the long-term safety and preservation of its artwork.

Solution:

ACR's self contained temperature and relative humidity data loggers provide museum managers with the data required to analyze and determine if there is any concern related to existing temperature and relative humidity conditions in the museum. ACR provides the tools they need to make informed decisions regarding negative environmental conditions.

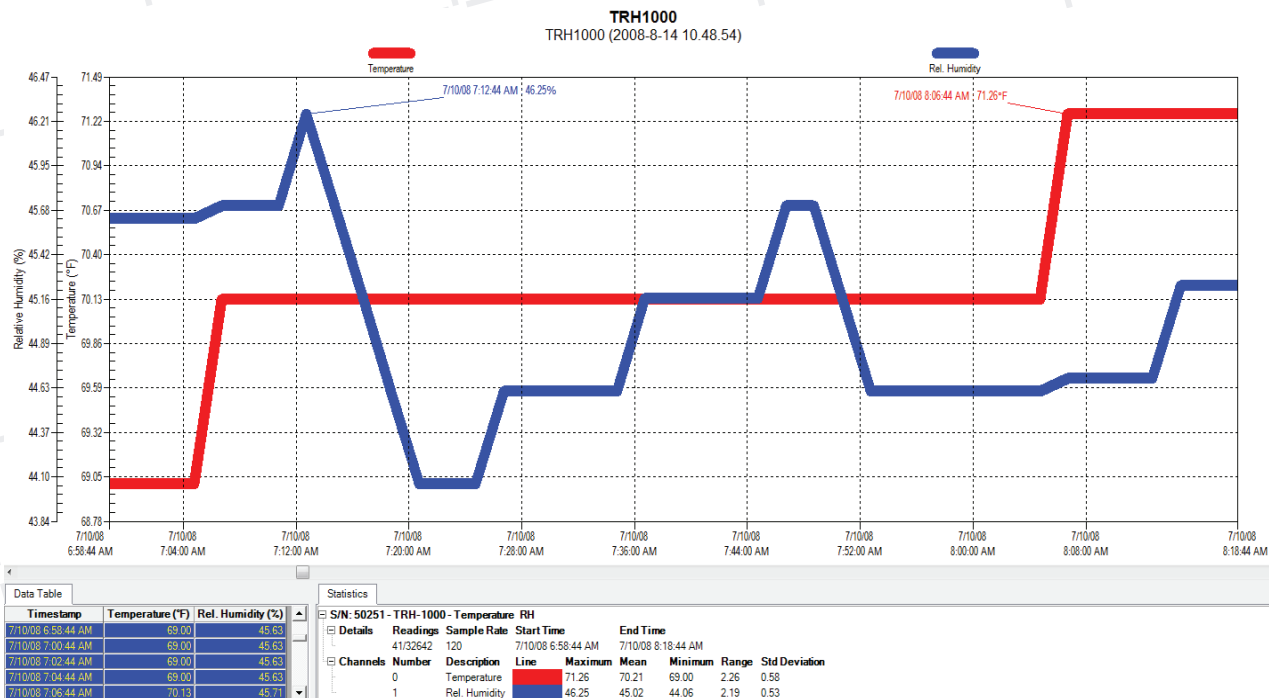
ACR Systems' temperature and relative humidity data loggers are the best tools available for recording temperature and relative humidity.





Obtaining verification of temperature and relative humidity over time is as easy as 1, 2, 3

- 1) Simply place one or more ACR data loggers in the area of the museum you want to monitor. No set-up is required.
- 2) After a few weeks, connect the data logger to your PC or laptop.
- 3) Insert the software CD into the CD ROM drive of your computer and download the information collected by the data logger.



ACR Data loggers suitable for environmental monitoring in museums:

Equipment	Description	Catalog #
Conservation Logger	4-Channel (12-bit) Relative Humidity & Temperature Data Logger - 128KB	01-0133
IAQ Data Logger	5-Channel (8-bit) Relative Humidity & Temperature Data Logger - 32KB	01-0340
SmartReader Plus 2	4-Channel (12-bit) Relative Humidity & Temperature Data Logger - 128KB	01-0113
SmartReader 2	4-Channel (8-bit) Relative Humidity & Temperature Data Logger - 32KB	01-0025
SmartReader Plus 4	4-Channel (12-bit) Pressure, Temperature & Relative Humidity Data Logger - 128KB	01-0120
SmartReader 4	5-Channel (8-bit) Pressure, Temperature & Relative Humidity Data Logger - 32KB	01-0027
TRH-1000	2-Channel (8-bit) Relative Humidity & Temperature Data Logger - 64KB	01-0194

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