

ARTEFACTS PROTECTED WITH RESISTIVE HUMIDIFIER BY HUMIDITY SOLUTIONS



Museums and galleries are some of the most common uses for close climate control outside of manufacturing. Artefacts are often compromised of hygroscopic materials such as wood, paper, parchment, leather and cloth. Left in an uncontrolled environment, water content in the air would cause their artefacts to expand and shrink on a microscopic level causing wear and degradation. In order to preserve these artefacts for future generations and ensure their history is not forgotten, many archives, museums, galleries and similar establishments have a form of close climate control.

The [Novium Museum](#) is a three floor award-winning museum which displays Chichester's artefacts from the last 2,000 years, including the Roman bath which the museum was built to showcase. The museum was having difficulty with their humidifier and, due to this, was struggling to keep a constant, controlled environment and contacted Humidity Solutions for help.

FREE SITE VISIT LEADS TO FAST QUOTES AND EASY INSTALLATION

After contacting Humidity Solutions and giving a brief overview of the problem, our humidification expert Simon Marshall visited the museum during a free site survey. During the visit Simon was able to gain the full scope of the project, calculate the size of the requested controlled environment and accurately map the power, water and electrical components in the space and environment. He was also able to discuss the preferences and special considerations for the project with staff, smoothing the quotation process and making for easier installation later.

Simon surmised that the museum needed a full replacement of its existing resistive humidifiers to create the controlled climate it desired. These new humidifiers would also be required to fit inside the museum's existing waterproof enclosures left over from its former climate control system.

As a result of the site survey the museum had a quote for the entire project which included all of the relevant information within 24 hours.

A FULL, BESPOKE, TURNKEY SOLUTION PROTECTS ALMOST 500,000 ARTEFACTS

Included in the quote was the unit cost of the needed new steam humidifiers, installation cost from one of Humidity Solutions' UK wide team of experts and commissioning. This allowed decision makers to be confident in their choice of supplier and this transparent breakdown allowed work to commence as quickly as possible.

The Novium Museum's old steam lances were replaced, and the old humidifiers upgraded to [Neptronic's SKE4 Resistive Humidifiers](#). This steam humidification system provides reliable humidity control with minimal maintenance for the museum. The Novium now stands as a proud part of the Chichester community Humidity Solutions provided a full, bespoke turnkey solution – from consultation and supply all the way through to installation, commission and maintenance.

“Close humidity control is exceptionally important for museums and galleries because it serves two main purposes- protecting the collections and to provide a comfortable and safe environment for its visitors.

- Simon Marshall,
Business Development Manager

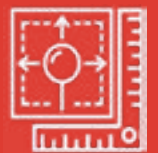
OVERVIEW



Gallery and Museum



50%RH
±10%



1.200m²

BENEFITS

- + 500,000 historical artefacts preserved between collections and storage.
- + 24 hour turnaround of quote following site visit.
- + 97% positive feedback and reviews from visitors.