

VAISALA

**Monitoring Your
Environment**
to Preserve
Your Objects



Why **Vaisala**

Museums, archives, and libraries contain valuable objects that are necessarily exposed to environmental conditions, whether the environment is a gallery or an exhibit case. The impact of relative humidity in the environment is roughly one order of magnitude greater than the impact of temperature. Even if relative humidity control is not available from an HVAC system, it can still be useful to have a long term record of environmental conditions. Vaisala has the instruments and monitoring systems to ensure the life of your priceless pieces are kept safe from the elements.

Learn how Vaisala's sensors are researched, developed & manufactured.



Explore



EXPERIENCE

What Makes Vaisala Different



MEASURE

Applications, Parameters, Instruments



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Success Stories

At Vaisala we pride ourselves on staying connected with our customers throughout the lifecycle of their instrument and application. Many of our customers share their experiences with us. The following pages highlight a few of those stories.

“As a normal Louvre visitor you cannot even imagine the complexity of the installation.”

*Wilfried Gesbert,
Climate Engineer for
Cofely Axima*





Experience

The Mona Lisa, one of the most popular works of art in the world, is found in the Louvre Museum in Paris. Vaisala helps preserve the Mona Lisa by measuring the stability of the humidity and temperature environment within its glass vitrine. Read on to hear how Vaisala plays a critical role in protecting this priceless piece of art.

“The HMT333 is usually used to monitor harsh industrial processes. The demand for precision and accuracy is unparalleled and this is where Vaisala brings world class accuracy and reliable monitoring into the picture.”

CUSTOMER STORY

*Jean-Francois Bore,
Application Sales
Engineer, Vaisala*

VAISALA / SUCCESS STORY

Mona Lisa Preserved by Vaisala



Experience

Vaisala HUMICAP® Transmitters monitor humidity and temperature to prevent condensation—the enemy of stained glass—in preservation applications. Read on to find out how Vaisala is protecting the beautiful stained glass of St. Patrick's Cathedral in New York.

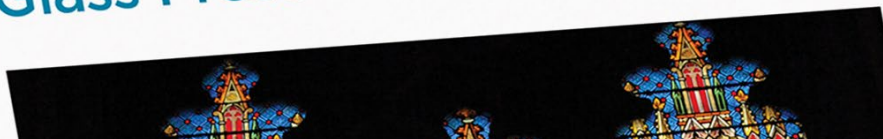
“We were pleased at how quickly the transmitters identified the various microenvironments. They have proven to be very good devices to help define the best protective glazing techniques.”

*Arthur Femenella,
President of
New Jersey-based
Femenella & Associates*

CUSTOMER STORY

VAISALA / SUCCESS STORY

Humidity Monitoring Lends a Hand to Stained Glass Preservation in St. Patrick's Cathedral





Experience

For paintings to last through posterity, one must pay careful attention to not only the restoration of the works of art, but to the environment in which they are preserved. For a painting to be handed down to future generations, just restoring it isn't enough; the art needs to be maintained in good condition. Find out how Japanese art restorer works with Vaisala humidity measurements to preserve the greatest paintings in the world.

“A conservation scientist at a national art museum in the United Kingdom recommended it to me, and I’ve used it ever since. It takes measurements in only a few seconds, and the digital display makes it easy to read. Most importantly of all, it’s highly accurate.”

CUSTOMER STORY

*Ms. Kikuko Iwai,
Japanese Painting
Restorer*

VAISALA / SUCCESS STORY

In Support of Great Works of Art





Industry Experts

Vaisala brings Best-In-Class value to our customers every day. To ensure we continue to understand your needs, we take customer feedback seriously and cater to your specific requests. Our premium manufacturing facility ensures that the instruments we offer meet your most demanding requirements in a wide variety of applications.

“Our sales and engineering team is extremely **skilled** and **experienced** and is **always available to help** our customers with optimal solutions for their business needs.”

*Gerry Ducharme,
AMER Controlled
Environment Group*



Measure

For the museum, libraries and archives industry, Vaisala plays a vital role in protecting and preserving priceless items. Our reliable instruments monitor the environment these valuables live in and provide accurate data in order to maintain the integrity of the subjects. Keep reading to learn more about the right fit for your application and the different parameters we measure.





HVAC

Vaisala HUMICAP® relative humidity sensors have a low drift rate, making them ideal for long term measurements. Careful factory calibration of Vaisala RH measuring devices provides high measurement accuracy. This combination of attributes delivers reliable functionality and a high level of data integrity. A broad family of high performance HVAC products can be used as components in a building automation system, providing any combination of relative humidity, temperature and CO₂ measurements.

HVAC PRODUCTS

Click on the thumbnails below to view our products:



HMT330



HM70



HM40



HMD60/70



HMW90





CMS

The Vaisala Continuous Monitoring System (CMS) is independent from the HVAC system. It is a complete solution for measuring, monitoring, and documenting environmental conditions. Measurement devices can be fully wireless, making it easy to move them around when exhibits change, or when sensors are installed in free standing exhibit cases. Even when humidity control is provided by an HVAC system, the CMS is a valuable tool for monitoring conditions at precise locations.

Click on the thumbnails below to view our products:



HMT140



RFL100



AP10

VIEWLINC





Watch

These short videos will give you an overview of our viewLinc monitoring systems as well as our humidity and CO₂ products and technologies.

Scroll to the next page to watch our videos.





WATCH

Videos

YOUTUBE CHANNEL

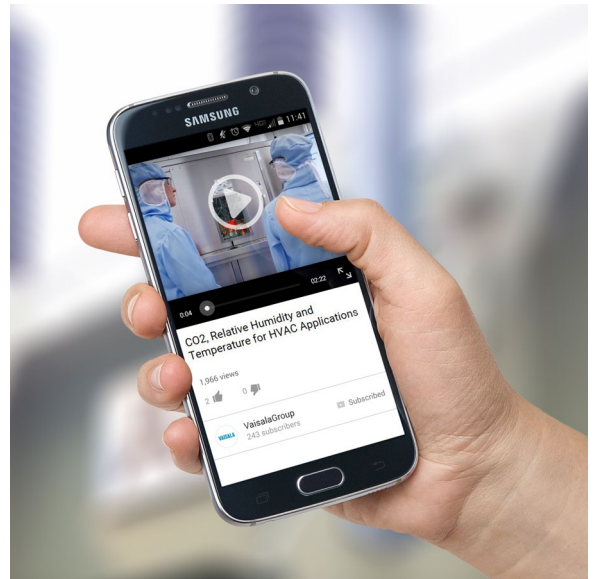


viewLinc Environmental Monitoring

An Environmental Monitoring System that Nearly Deploys Itself

CO₂, Relative Humidity and Temperature for HVAC Applications

Wide range of Vaisala HVAC instruments and transmitters



Vaisala HUMICAP® Humidity and Temperature Transmitter Series HMT330

Six models for various demanding applications





Learn

Our free webinars are a great way to gain valuable knowledge about topics of interest.



VaiNet: A Wireless Technology that Rises Above Crowded Frequencies

See how advances in wireless technologies are changing the way environments are monitored, especially in regulated environments.

Vaisala CARBOCAP® Technology

Learn about the benefits of Vaisala CARBOCAP® Measurement Technology in HVAC and Other CO₂ Measurement Applications



MORE WEBINARS

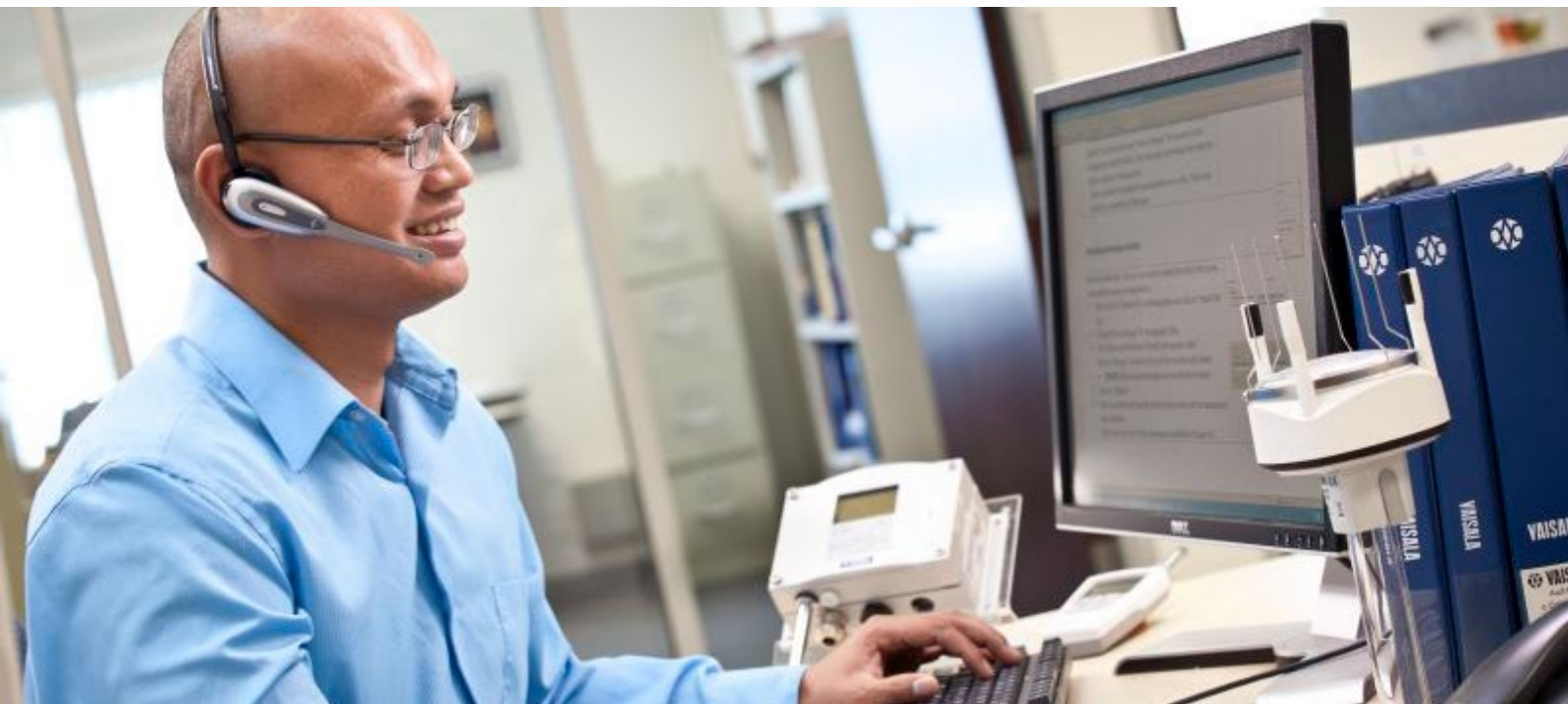


Inquire

Our team brings to our customers 100+ years of combined mechanical, chemical, electrical and computer engineering experience.

Vaisala engineers are on hand to assist you with your product or application questions.

CONTACT VAISALA



VAISALA

Thank you!

www.vaisala.com

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