

# One less thing to worry about

/ ENHANCING QUALITY AND EFFICIENCY IN CRITICAL LIFE SCIENCE ENVIRONMENTS



**VAISALA**



## One less thing to worry about

*Establishing and maintaining consistent high performance in your critical environment can pose significant challenges. The myriad regulations, validations and audits to be complied with, on top of the GMP regulations that must be followed, are a time consuming, often arduous task.*

Whether you run a laboratory, cleanroom, incubator, storage site or other critical facility, Vaisala can help increase the efficiency and productivity of your operations. Our solutions are targeted at minimizing your downtime and maximizing your yield.


Our extensive experience in environmental measurement and our specific expertise in the

life science industry means you're assured of getting state-of-the-art equipment that gives you more reliable and accurate control of your critical environment.

Our products are supported by advanced, focused expertise along every step of the way, from sales to tech support and ISO/IEC 17025 Accredited Calibration Services.

What this means is that you have one less thing to worry about, allowing you to fully concentrate on more central and productive issues. It also means lower overall life-cycle costs, higher productivity, and consistently high product quality.

Our expert services are available wherever you are. [We invite you to contact us.](#)





### Minimize downtime

With Vaisala's latest technology your critical environment is up and running with minimal downtime, which in turn translates into higher productivity. Consistently reliable measurements mean your environment keeps within clearly defined tolerances, and that in turn means less hassle and enhanced revenue for your operations.

### Delivering higher yields

Improve your process yield. Maintain your process equipment and your products in stable environmental conditions, even with the tightest of tolerances. You can rely on Vaisala to provide precise and drift-free environmental measurement.

### Local support – globally

Whether you require service, ISO/IEC 17025 Accredited Calibration, purchasing support – or simply need to discuss your measurement system, we're there for you locally, across the globe. No matter where your production or research facilities are, Vaisala is ready to serve you.

# Reliability = productivity + efficiency

*(Our formula for successful operation of your critical environments)*

Reliable measurement is the key to efficient processes in discovery, manufacturing, stability testing and storage. Our offering is clear-cut: we provide you with instruments that enhance your capability to control your critical conditions in demanding areas, allowing you to maintain uniform quality and high yield.

This is supported by over 70 years of experience in environmental measurement and an impressively large installed base. In fact, we're the preferred partner in humidity measurement for leading life science companies worldwide. Our strong foundation and quality standards (including ISO 9001 and ISO 14001) guarantee you'll receive top-rated products and services.

### Versatile instruments designed to meet your specific needs

Vaisala provides a full range of products and services, from simple hand-held instruments to transmitters with versatile options designed for demanding use. If you need to upgrade your incubator, we offer a variety of CO<sub>2</sub> hand-held and fixed measurement instruments. If you require humidity measurement instruments for a hazardous area (EXi), we can help you. We also offer hand-held and fixed transmitters for humidity, dewpoint, temperature, and CO<sub>2</sub>, as well as measurement instruments for barometric pressure and oxygen. Additionally, we offer calibrators, standard and accredited calibration services, and tailor-made service contracts.

### Maintaining stability between calibrations

You can be confident that our measurement instruments will meet their specifications. This allows you and your organization to focus on the success and well being of your end customers. Our highly evolved sensor technology is known for long-term and trouble-free performance.



## A partnership you can trust

Today Vaisala is the supplier of the world's leading edge technology for environmental monitoring. We offer measurement instruments for a wide range of critical environments. While all our products have been developed to perform exceptionally well in their specific environment, what each instrument has in common is better stability than other solutions. Our instruments will stay in specification between their recommended calibration intervals.

Whatever your environment, our instruments are designed for maximum long-term stability and are proven successful – as demonstrated by our large base of satisfied customers. We are proud of our commitment to building long-term relationships around the world. With

Vaisala you can be sure of a reliable partner for years to come. Yet we are always up for new challenges as well, like developing new solutions and services in collaboration with you.

### Aseptic processing areas, cleanrooms, laboratories and other critical environments

Our humidity and temperature measurement instruments can consistently deliver reliable measurements for your critical environment – enabling you to create the desired atmosphere and confirm that your demanding environment is within specifications required to avoid out of tolerance situations. Your end result is minimized downtime and maximized yield.

### Stability chambers

For stability chambers the measurement and control of humidity and temperature must be very reliable and perform with excellent long-term stability. Vaisala measurement instruments are designed to deliver glitch-free operation for stability chambers.

### CO<sub>2</sub> Incubators

Vaisala offers all the measurement instruments needed for CO<sub>2</sub> incubators, including accurate control for humidity, temperature and CO<sub>2</sub>. Our measurement technologies enable stable and reliable incubator operation to replicate mammalian environments.

### General HVAC and process machinery

In addition to GMP critical areas, we offer advanced measurement instruments for humidity, temperature and CO<sub>2</sub> for HVAC in non-critical areas. We also have measurement instruments for certain process machinery such as fluid bed dryers in which hot and dry air conditions are typically required. This can be challenging to measure for many dewpoint instruments. Vaisala sensor technologies with auto-calibration can directly measure dry air at very high temperatures.

## Vaisala – right at the heart of it

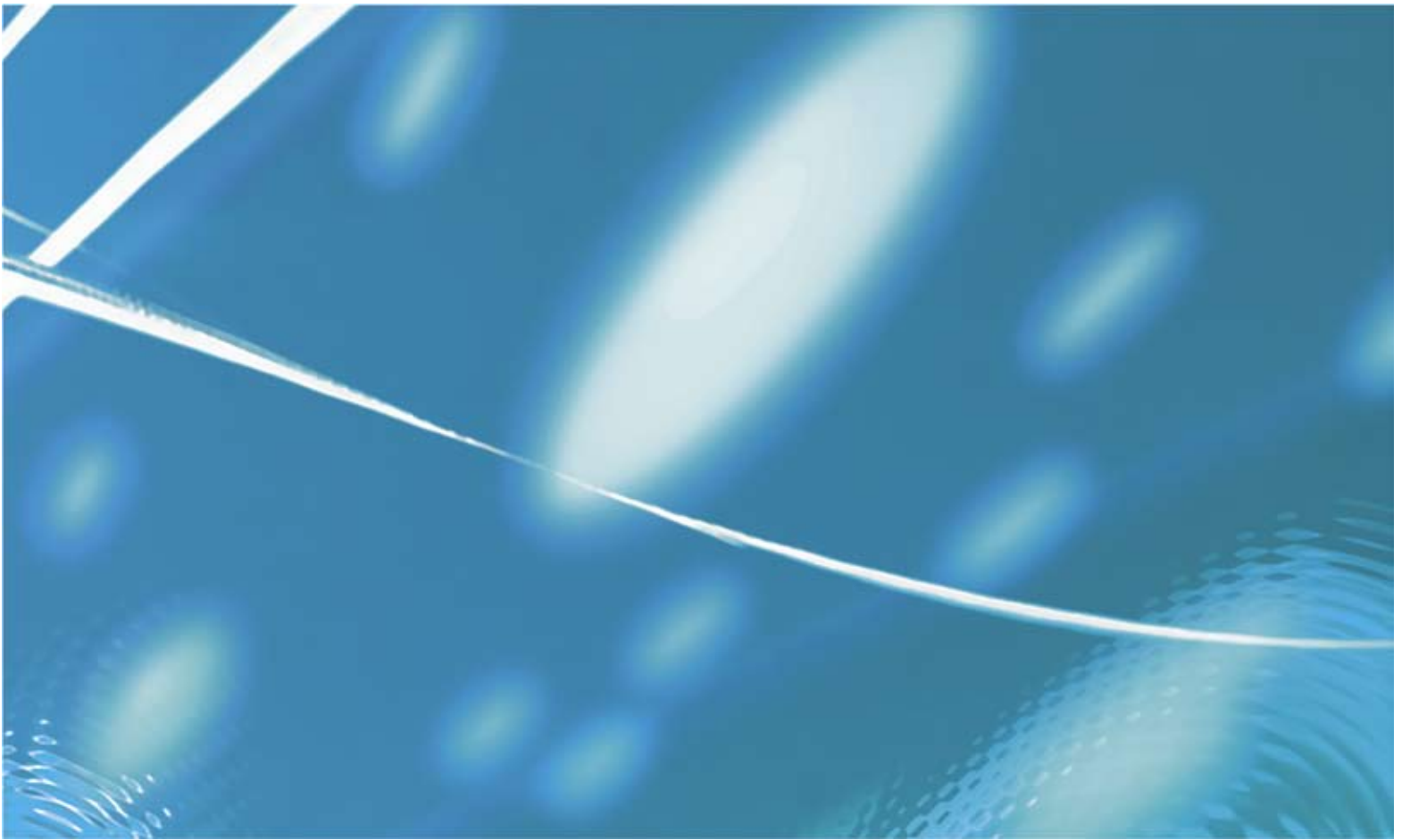
*Curiosity, the desire to meet challenges and an extraordinary ability for innovation are at the heart of the company – both past and present. Through the years our expertise has grown to include three business areas:*

**Controlled Environments** serving industrial customers whose primary interests are in operational quality, productivity and energy savings.

**Meteorology** serving national meteorological and hydrological institutes whose primary interests are the safety and well being of people and the safeguarding of property.

**Weather Critical Operations** serving operators and authorities whose primary interest is the safety and effectiveness of operations under all weather conditions.

Curious? Learn more about Vaisala at [vaisala.com](https://vaisala.com)



**VAISALA**

[www.vaisala.com](http://www.vaisala.com)

For more information, visit  
[www.vaisala.com](http://www.vaisala.com) or contact  
us at [sales@vaisala.com](mailto:sales@vaisala.com)

Ref. B210814EN-A ©Vaisala 2009  
This material is subject to copyright protection, with all  
copyrights retained by Vaisala and its individual partners. All  
rights reserved. Any logos and/or product names are trademarks  
of Vaisala or its individual partners. The reproduction, transfer,  
distribution or storage of information contained in this brochure  
in any form without the prior written consent of Vaisala is strictly  
prohibited. All specifications — technical included — are subject  
to change without notice.