

VITROCELL® RH/T-Controller

Reliable digital Humidity- and Temperature Measurement



One RH/T Controller can display up to 5 sensor units. The sensors are available in 2 insertion lengths. The versatile CANopen concept allows to interconnect several RH/T controllers with a minimum of cables.

The VITROCELL® RH/T-Controller system was designed to measure temperature and relative humidity in numerous applications at high precision. It can be fitted to humidification systems, aerosol ducts and climatic chambers.

In cell exposure, relative humidity is a key factor for cell viability – this is even more important at longer exposure durations. With the new RH/T Controller set VITROCELL® has brought the technology from the Automated Stations to custom configurations.

The sensors are available in 2 insertion lengths (35 mm and 65 mm). They come calibrated with a factory certificate. Re-calibration can be performed using the VITROCELL® Monitor software.

VITROCELL® Monitor Software

The VITROCELL® RH/T-Controller can be operated as standalone version with a 3,5" display or by connection to the VITROCELL® Monitor Software. Here the data is plotted and can be exported as Excel or csv file.

The VITROCELL® Monitor software is also available as GLP Edition.

This upgrade assures tracability to high standards.



Key Features:

- 5 RHT sensor connection
- 3,5" LCD color display
- CANopen connection for controller/peripheral
- USB-C connection
- Typical sensor accuracy of $\pm 1.5\%$ RH and $\pm 0.2\text{ }^{\circ}\text{C}$
- Fully calibrated, linearized and temperature compensated digital output
- Reliable ODU connector
- Hermetically sealed holder