

NEW! ROTRONIC HYGROLAB HIGH-END LABORATORY ANALYZER FOR WATER ACTIVITY MEASUREMENTS

The Rotronic HygroLab is our latest high-end laboratory analyzer for water activity measurements with up to four measurement probe inputs. It enables simultaneous or asynchronous measurement with the tried-and-tested AW Quick function for pharmaceutical products, tobacco, coffee, cosmetics, food and many more.

Innovative and stand-alone user interface

The modern interface of the HygroLab guarantees simple and clear handling of the desired measurements. The high-quality touch screen enables easy operation. It is possible to connect a mouse and keyboard via USB ports, and web access allows remote control by PC or tablet. The measurements can thus be observed easily and measurement reports downloaded from anywhere at any time.



Aw Quick measurements

In AW Quick mode, the HygroLab uses an algorithm to accelerate water activity measurement, and delivers the results in around 5 minutes. When temperature conditions are stable (both at the product and probe), the value measured in AW Quick mode is generally within ± 0.005 Aw of the value that would be obtained by waiting for full equilibration of temperature and water activity (AwE mode).

Features

- 4-channel benchtop display unit for measurement of water activity, relative humidity and temperature
- AW Quick function for fast measurement results (usually 4-5 minutes)
- Updates with functional enhancements
- 4 USB ports (e.g. for mouse and keyboard)
- Remote access (by PC or tablet)
- Automatically generated measurement report after every measurement

In addition to its independent interface and simple handling, the HygroLab is characterized by its high accuracy of ± 0.008 Aw (HC2-AW probe at 23 °C) and the possibility to perform measurements on up to four samples simultaneously or asynchronously. Further, software updates can be downloaded directly from the HygroLab and bring functional enhancements such as planned FDA conformity and the ability to calibrate probes. The high-end benchtop instrument was designed primarily for measurement of water activity (Aw). It is also ideal for laboratory applications where humidity and temperature values are required.

About Rotronic

Founded in 1965, the company is headquartered in Switzerland and provides solutions for measuring and monitoring relative humidity, temperature, CO₂, differential pressure, dew point and water activity. The company began the digital transformation already in the year 2000, investing in automated data transfer (machine-to-machine). With the development and continuous expansion of its Rotronic Monitoring System (RMS), the company underlines its position as a key provider of measurement solutions.

Within the Process Sensing Technologies (PST) Group, Rotronic is the competence center for relative humidity and cloud-based monitoring systems. PST unites leading manufacturers who together offer a comprehensive and complementary suite of instruments, analyzers and sensors unmatched by other suppliers. PST opens up new areas of application for Rotronic and customers benefit from a broader product range and sales network.

www.processSensing.com

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