

HYGROPALM23-AW-A

Mobile application

As a mobile laboratory unit, the HygroPalm HP23-AW-A is perfect for on-site water activity measurements to determine the stability and preservability of the sample being analyzed. Like the HygroLab, the HP23-AW-A can also be used with measurement heads or insertion probes (two can be connected). The HygroPalm can be controlled externally using the HW4 software running on a PC.

Portable and handy



The handheld instrument for measurement of water activity has the same functions as the HygroLab, but is handier in its portable version.

Features

- 2-channel handheld instrument with multi-channel display for measurement of water activity, relative humidity and temperature
- Aw Quick function for fast measurement results (typically 4 – 5 minutes)
- Aw Equilibrium method available
- Audible alarm to indicate completed measurement
- Saves up to 10,000 measured values
- Battery charging function via a USB mains adapter cable (AC1212)

Order code

HP23-AW-A

HP23-AW-SET-14

HP23-AW-SET-40

AW MEASUREMENT HEAD HC2-AW

The aw measurement head was developed for use in combination with the HygroLab and the HP23-A-AW handheld analyser. This digital probe enables quick and easy measurement of water activity. It can be calibrated via the HygroLabC1, HP23-A-AW or via the HW4 PC software.

The sample holder size is reduced to a minimum, thereby making it possible for humidity equilibrium to be reached quickly for all products being tested, while the metal housing ensures high temperature stability. All critical surfaces are made of chrome steel for minimal soiling.

You can find information on sample holders, disposable plastic sample containers and the clamp sealing mechanism under Accessories on the Rotronic website and in the main catalogue.

Order code

HC2-AW



RANGE OF APPLICATION	-10...60 °C (14...140 °F) / 0...1 Aw / 0...100 %RH
POWER SUPPLY	9 V battery or USB/ mains adapter via mini USB
CALCULATIONS	All psychrometric calculations available
CURRENT CONSUMPTION	Max. 20 mA (backlight ON)
LCD	3-line alphanumeric with trend indicators
MEASUREMENT INTERVAL	1 s, 10 s, 1 min, 10 min
NUMBER OF PROBE INPUTS	1
PARAMETERS SHOWN	Aw, % RH, °C, °F
PROBE CONNECTIONS	2 HygroClip2 or analog input 0...3.2 VDC (power supply for analog probe: 5 VDC)
START-UP TIME	3 s
ACOUSTICAL ALARM (BEEPER)	No
BATTERY INDICATOR	Yes
CLOCK	Real time clock provides a time stamp for every measurement
MEMORY SIZE	Capture mode: 8 x 250 values / Logging mode: 10,000 values
HW4 COMPATIBLE	Yes, for all HW4 versions
PROBE ADJUSTMENT	Single or multiple point for relative humidity & temperature. One or two point temperature
AW-QUICK MODE	Yes
AW QUICK FUNCTION	Integrated and via HW4 software HW4-P-QUICK-Vx
SOFTWARE UPDATE	With internet and HW4 software
COMMUNICATION INTERFACES	Mini USB
ENCLOSURE MATERIAL	ABS
IP PROTECTION RATING	IP30
SERVICE INTERFACE	Mini USB
FDA / GAMP	FDA 21 CFR part 11 / GAMP5