



## HygroPalm23-AW-A

### Field application

The HygroPalm HP23-AW-A offers the perfect solution for on-site water activity measurements to confirm product stability and indicate shelf life. The HP23-AW-A is suitable as a mobile laboratory unit. Equal to the HygroLab C1 the HP23-AW-A is perfect as a portable analyzer with two probe inputs for any suitable HC2 probe. The HP23-AW-A can also be used in conjunction with HW4-P-QUICK-Vx.

### Portable and convenient

Handheld instrument specially configured to suit the water activity user. It includes many of the advanced features of the HygroLab C1, but in a convenient portable configuration.

### Features

- 2 input channels for HC2 station probes or HC2 insertion probes can be connected for measurement of water activity, relative humidity and temperature
- Aw Quick function for fast measurement results (typically 4-5 minutes)
- Audible alarm to indicate completed measurement
- Saves up to 10,000 data records with %RH, °C/°F, date and time
- Battery charging function

Order code	HP23-AW-A
Probe connections	2 HygroClip2 or analog input 0...3.2 VDC (power supply for analog probe: 5 VDC)
Parameters shown	Aw, % RH, °C, °F
Aw Quick function	Integrated or via optional HW4 software HW4-P-QUICK-Vx
Calculations	All psychrometric calculations available
Probe adjustment	Single or multiple point for relative humidity & temperature one or two point temperature
Memory	Capture mode: 8 x 250 values Logging mode: 10,000 values
Measurement interval	1 s, 10 s, 1 min, 10 min
Start-up time	3 s
Power supply	9 V battery or USB/ mains adapter via mini USB
Interfaces	Mini USB
HW4 compatible	Yes, for all HW4 versions
Range of application	-10...60 °C (14...140 °F) / 0...1 Aw / 0...100 %RH
LCD	3-line alphanumeric with trend indicators
Clock	Real time clock provides a time stamp for every measurement
Current consumption	Max. 20 mA (backlight ON)
IP protection class	IP30
CE / EMC conform	EMC 2008/108/EG
FDA / GAMP	FDA 21 CFR part 11 / GAMP5
Dimensions /Weight	188 x 72 x 30mm / 200 g
Material	ABS

### Compatible products

Water activity probe: HC2-AW  
 Insertion probe: HC2-P05, HC2-HP28, HC2-HP50