



Station probe HC-2-AW-USB

Multi station application

The new station probe HC2-AW-USB offers new possibilities. The USB probe can be directly connected to a PC running HW4-P-QUICK-Vx software enabling water activity measurement capability. The HC2-AW-USB is the perfect device for a multi station application, as multiple probes can be attached to a single PC.

USB station probes

USB probes can be ordered as single probe or as a set including the HW4 software with Aw Quick function. The set offers all possibilities to measure water activity.

Features

- Complete set of probe and HW4 including Aw Quick function available
- Measurement range:
0.00...1.00 Aw (0...100 %RH), -40...85 °C (-40...185 °F)
- USB interface for direct connection to a PC (HC2-AW-USB)

Order code	HC-AW-USB	HC2-AW-USB-SW
Probe type	Measurement probe with USB interface	Measurement probe and software HW4-P-QUICK-Vx
Connection	Via USB to PC, 3 m cable	
For use with	Software HW4	
Accuracy at 23 °C ±5 K (73.4 °F)	±0.008 Aw / ±0.8 %RH / ±0.1 K	
Temperature dependence	0.001 K/K, 0.0002 Aw/K	
Sensor	HYGROMER® WA-1 / Pt-100, 1/3 DIN Class B	
Calculations	Dew or frost point	
Long term stability	<1 %RH / year	
Power supply	Via USB interface	
Range of application	-40...85 °C (-40...185 °F) / 0...100 %RH	
Filter type	Wire mesh filter with 20...25 µm pore size	
Response time τ63	<20 s	
Measurement interval	1 s	
Start-up time	1.5 s	
IP protection	IP20	
CE / EMC conformity	EMC 2008/108/EG	
FDA / GAMP	FDA 21 CFR part 11 / GAMP5	
Dimensions / Weight	Ø 68 x 60 mm / 600 g	
Material	Stainless steel, aluminum	

Typical accessories

Sample holders: WP-14-S, WP-40, WP-40TH
 Disposable sample container: PS-14 (14 mm deep), PS-40 (40 mm deep)

Note: Order sample containers separately.
 Sample holders can also be used as calibration device.



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Aw station probes

The station probes are designed for using with HygroLab C1 or HygroPalm HP23-AW-A. Measurement of water activity with this digital probe is precise, fast and easy. The probe can be calibrated with the HygroLab C1 or via the HW4 software. Minimized internal volume of the sensor chamber ensures fast equilibrium with all products, and an all metal construction ensures good temperature stability during measurements, with stainless steel used on all critical surfaces. Sample holders, sample containers and a sealing mechanism are detailed in accessories.



HC2-AW

Order code	HC2-AW
Probe type	Measurement probe with UART interface
Connection	Via UART, 1 m cable
For use with	HygroLab C1, HP23-AW-A
Accuracy at 23 °C ±5 K (73.4 °F)	±0.008 Aw / ±0.8 %RH / ±0.1 K
Temperature dependence	0.001 K/K, 0.0002 aw/K
Sensor	HYGROMER® WA-1 / Pt-100, 1/3 DIN Class B
Calculations	Dew or frost point
Long term stability	<1 %RH / year
Power supply	Via display instruments
Range of application	-40...85 °C (-40...185 °F) / 0...100 %RH
Filter type	Wire mesh filter with 20...25 µm pore size
Response time τ63	<20 s
Measurement interval	1 s
Start-up time	1.5 s
IP protection	IP20
CE / EMC conformity	EMC 2008/108/EG
FDA / GAMP	FDA 21 CFR part 11 / GAMP5
Dimensions / Weight	Ø68 x 60 mm / 600 g
Material	Stainless steel, aluminum

Typical accessories



PS-40



WP-40



AW-KHS

Typical accessories

Sample holders: WP-14-S, WP-40, WP-40TH
 Disposable sample container: PS-14 (14 mm deep), PS-40 (40 mm deep)

Note: Order sample containers separately.
 Sample holders can also be used as calibration device.

Labequip

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