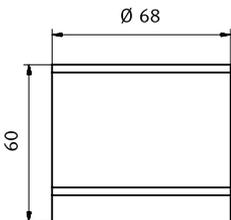




HC2-AW-USB



HC2-AW



WATER ACTIVITY PROBES

APPLICATIONS

Quality assurance in food manufacturing, coffee processing and the tobacco industry, grain storage and pharmaceutical industry.

HC2-AW-USB

FEATURES

- Range of application: 0...1 aw (0...100 %RH) / -40...85 °C
- On/Off switch
- USB interface for direct connection to a PC
- Power supply: via USB interface
- Adjusted at 23 °C and 10, 35, 80 %RH
- AW Quick function for fast measurement results (typically 4-5 minutes)

Order code	HC2-AW-USB	HC2-AW-USB-SW
Feature	Measurement probe	Probe + software HW4-P-Quick
Connection	Via USB to PC, 3 m cable	
Accuracy	±0.008 aw, ±0.8 %RH, ±0.1 K, at 10...30 °C	
Power supply	Via USB interface	
Filter type	Wire mesh filter with 20...25 µm pore size	
Weight	550 g	

HC2-AW

FEATURES

- Same as HC2-AW-USB, but with UART interface

Order code	HC2-AW
Feature	Measurement probe
Connection	Via UART, 1 m cable
Accuracy	±0.008 aw, ±0.8 %RH, ±0.1 K, at 10...30 °C
Power supply	Via display unit
Filter type	Wire mesh filter with 20...25 µm pore size
Weight	550 g



COMPATIBLE

- HC2-AW-USB: with PC
- HC2-AW: with laboratory analyzer HygroLab C1 and handheld instrument HP23-AW-A

DELIVERY PACKAGE

- Factory adjustment certificate

RECOMMENDED ACCESSORIES

- Sample holders WP-14-S
WP-40
WP-40TH
- Calibration device WP-14-S
- Calibration standards EAxx-SCS
- Disposable sample containers PS-14, PS-40



HANDHELD INSTRUMENT HP23-AW-A

In many situations it can be very useful to measure water activity at goods-in, production or storage rooms, e.g. inspection of bulk materials to ensure they meet specifications.

APPLICATIONS

Aw checks of cheese, meat, tobacco, building materials, animal feeds, bakery products, paper, medicines, in horticulture and agriculture, etc.

FEATURES

- Handheld instrument 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, date and time
- Battery charging function

Order code	HP23-AW-A
Probe connections	2
Parameters shown	aw / %RH / °C / °F
AW Quick function	Integrated and via optional HW4 software
Calculations	All psychrometric calculations available
Power supply	9 V battery or 9 V AC adapter via USB-Mini
Interfaces	USB
Range of application	0...1 aW, 0...100 %RH, -10...60 °C
LCD	3-line alphanumeric with trend indicator
Current consumption	Max. 20 mA (with backlight)
Dimensions /Weight	188 x 72 x 30 mm / 200 g
Material	ABS
IP protection	IP30



COMPATIBLE

- Water activity probe HC2-AW
- Insertion probes HC2-P05, HC2-HP28 / 50
- All HC2 probes
- HW4 software

DELIVERY PACKAGE

- Short instruction manual
- Battery



ACCESSORIES

SAMPLE HOLDERS WP-14-S / 40 / 40TH

APPLICATIONS

The stainless steel sample holders were developed specifically for the water activity probes HC2-AW(-USB). There are two sizes available:

- WP-14-S for small samples and for calibration
- WP-40 for larger samples

Both products provide excellent sample containment and optimum temperature stability. The WP-40TH can be attached to a water bath for additional control.

Order code	WP-14-S	WP-40	WP-40TH
Use with	PS-14	PS-14 / PS-40	PS-14 / PS-40
Depth	14 mm	40 mm	40 mm
Internal diameter	46 mm	46 mm	46 mm
Material	V2A steel		Brass, nickel-plated
Weight	350 g	1250 g	1550 g



WP-14-S



WP-40



WP-40TH

DISPOSABLE SAMPLE CONTAINERS PS-14 / PS-40

APPLICATIONS

The disposable sample containers ensure the optimum sample volume is filled into the WP-14-S or WP-40 sample holders. They prevent the sample holders from coming into direct contact with the product being tested, thereby preventing soiling or cross contamination. The sample containers also provide a convenient means of collecting and storing samples.

Order code	PS-14	PS-40
Use with	WP-14-S / WP-40 / WP-40TH	WP-40 / WP-40TH
Depth	14 mm	40 mm
External diameter	46 mm	46 mm
Unit	100 pc.	



PS-14



PS-40

CLAMP SEALING MECHANISM

APPLICATIONS

In the case of very dry or very moist samples additional mechanical sealing of the AW measurement probe and sample holder may be necessary to prevent external conditions influencing the sample.

Order code	AW-KHS
Use with	WP-40 / WP-40TH
Weight	1100 g

