

HD-6 Smart water activity meter

Measuring range: aW: 0~1.000aw, Temp: -10~50°C

Measuring accuracy: aW: ± 0.012 aw, Temp: $\pm 0.5^\circ\text{C}$

Measuring sensor number: 1/2/3/4, optional

Data output: USB to PC software or print



Features:

- 1.High stability.
- 2.Long using life in good performance without fault.
- 3.Better data processing program leads to more accuracy testing result.
- 4.Chemical resistant. The testing result keeps reliable when testing many different kinds of volatility material.
- 5.Imported chip inside sensor is with good stability and high accuracy. Avoid passivation.
- 6.It can save real-time testing value or final testing result. User can also set time to save data. All data can be transmitted to PC and saved as file/sheet.
- 7.It can reserve 5000 sets of testing results, and results can be saved to PC.
- 8.No need to calibrate every time.
- 9.It has RS232 port and USB port, can be connected to mini-printer.
- 10.It is suitable to test different kinds of material, such as solid, liquid, powder are all OK.
- 11.Optional stylus printer, can print data for long time storage.
- 12.The shortest measuring time is 4-5 minutes only.
- 13.Buzzing when measurement finishes or calibration finished.

Specification	Details
Model	HD-6
Working Environment	Temperature: -10°C ~ 50°C Humidity: 0–95% RH
Display	Big LCD screen, 128 × 64 dots
Measuring Range	aW: ± 0.012 aw (@23°C $\pm 5^\circ\text{C}$) aW: 0–1.000 aw
Accuracy	Temperature: $\pm 0.5^\circ\text{C}$
Resolution	aW: 0.001 aw Temperature: 0.1°C
aW Repeatability	± 0.01 aw
Measuring Points	1–4 sensors (optional)
Measuring Time	5–40 minutes, Auto measurement
Average Time Free from System Fault	18,000 hours
Print Function	Print after measurement / Real-time print
Power Supply	100–230VAC, 50/60Hz
Power Consumption	<10W per channel (energy saving)
Dimensions	280 × 110 × 300 mm
Packing	Portable aluminum case for the meter
Data Processing	Save real-time or final results Time setting for storage Export data to PC (file/sheet) PC control via software
Calibration	Multi-point or single-point calibration