

# 14 in 1 Multifunction Thermo-Hygrometer

## Model: KC-326B

### User's Manual



# 14 in 1 Multifunction Thermo-Hygrometer

## Model: KC-326B

### Introduction

KC-326B Multifunction Thermo-Hygrometer build-in several sensors and adopts low power consumption integration design. It measures real-time ambient temperature and humidity, atmospheric pressure, moisture content of timber wall and can rapidly figure out Dew Point Temperature, AH, wet bulb temperature, GPP, and Vapor Pressure with surface temp-dew calculation mode, 20 groups data hold memory function and 8000 groups data auto recording function. The unit has large backlight two row LCD with smart power management. It is an ideal instrument for environmental monitoring of food, medical supplies, warehouse and home decoration.

### Technical Specifications

|                                  |   |                 |
|----------------------------------|---|-----------------|
| Product name                     | 14 in 1 multifunction Thermo-Hygrometer                                       |                 |
| Model                            | KC-326B   |                 |
| Pin type moisture measurement    | 0~99.9%   |                 |
| No-pin type moisture measurement | 0~99.9%   |                 |
| Measurement temperature          | -20 to 167°F (-29 to 75°C)  | ± 3.6°F (2.0°C) |
| Wet bulb temperature             | -4 to 140°F (-20 to 60°C)   |                 |
| Relative humidity                | 0 to 10%  | ± 3%RH          |
|                                  | 11 to 90%   | ± 2.5%RH        |
|                                  | 91 to 100%  | ± 3%RH          |
| Absolute Humidity                | 0.5 to 240 g/m <sup>3</sup> (mg/L)  |                 |
| Dew Point Temperature            | -76 to 140°F (-60 to 60°C)  |                 |
| GPP                              | 0-999GPP (0 to 160g/kg)   |                 |
| Ambient Pressure                 | 30 to 120kPA  |                 |
| Vapor Pressure                   | 0 to 20.0kPA  |                 |
| Thermocouple temperature         | -148 to 1832°F (-100 to 1000°C)   |                 |
| Data Recording                   | Manual 20 groups, auto 8000 groups approximately                              |                 |
| Backlight Auto off               | In 30s inactive   |                 |
| Auto Power off                   | In 30 minutes inactive  |                 |
| PC interface                     | USB2.0  |                 |
| Attachment                       | Pin type moisture probe, USB data cable, CD                                   |                 |
| Optional accessory               | K type thermocouple ( Not included in the products, additional configuration) |                 |
| Power supply                     | One 9V block battery (6F22/6LR61)   |                 |
| Working current                  | <25mA   |                 |
| Working Temperature              | 32°F to 110°F (0°C to 43°C)   |                 |
| Working humidity                 | 5%~95%RH non-condensing   |                 |
| Storage                          | -14 to 140°F (-30 to 60°C), <90RH%( battery not included)                     |                 |
| Dimension                        | 185mm×72mm×36mm   |                 |
| Weight                           | About 180g (w/o battery)  |                 |