## YC-7XXUD Series Thermometer

## Introduction

| Features | Features |
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- 1. Displays of up to four thermocouple inputs.
- 2. Resolution 0.1°C/0.1°F, 1°C/1°F.
- 3. Fast response.
- 4. Adjustable alarm values.
- 5. Auto power off function.
- 6. Low battery indicator B.
- 7. Perpetual calendar function.
- 8. "COUNT" function.
- 9. Display any input on main display.
- 10. T1-T2, T3-T4 function.
- Additional features include: HOLD, °C / °F / K, REL, CHAN, MAX / MIN / AVG, 1°, TYPE, TIME (clock setting), LIMIT (Hi / Lo setting).
- 12. CE certified, conforms to ITS-90.
- Operation
- 1. (1) Power button.
- 2.  $\left[ \begin{array}{c} C \\ C \end{array} \right] ^{\circ} C / ^{\circ} F / K$  button.
- 3. HOLD Hold button.

- 4. MAX / MIN / AVG button.
- 5. REL REL button. Saves the current value for all inputs as a reference. When the input temperature shifts, the lower right display will show the difference between the current temperature and reference temperature.
- 6. 1° Resolution button. Selects between 1 degree and 0.1degree resolution.
- 7. **CHAN** CHAN button. Cycles through the four input channels on the main display.
- 8. TYPE button. Change the thermocouple type.
- 9. COUNT button. Starts the built in timer.
- 10. TIME button. Display the current time.
- SHIFT button. Press and hold SHIFT button 3 seconds or more, you can cancel the auto power off function.
- 12. + CHAN T1-T2 function. Display the difference function between T1 and T2.
- 13. + HOLD T3-T4 function. Display the difference function between T3 and T4.

- 15. + MAX MIN Hi/Lo function. Allows adjustment of the Hi/Lo alarm values.
- 16.  $\bigcirc + \bigcirc_{K}^{\circ C} \bigcirc_{F}$  CLOCK function. Allows adjustment of the date and time.
- 17. Perpetual calendar. Press and hole the button and press ① button.

The following functions only YC-7XXUD series only:

- 18. Backlight button. To turn the back light ON or OFF.
- PC PC button. Enables real time communication with the Temp Monitor S2 software.
- 20. REC December REC button. Starts logging reading at the selected logging interval.
- 21. CALL Call button. View the recorded data of each channel and inquire about the remaining space in the memory.

- 22. CALL Clear memory function. Clears the data loggers memory.
- 23. + PC PC interval function. Pressing SHIFT and PC button to set the PC logging interval.
- 24. + REC REC interval function. Pressing SHIFT and REC button to set the thermometer logging interval.
- If you need user's manual, please refer to the CD manual (user's manual and software user's manual). The user's manual file path is D:\User Manual\ENG\YC-7XXX Series \_ENGLISH.pdf Suppose that D is the CD drive.

Software user's manual file path is D:\User Manual\ENG\TEMP MONITOR S2 V1.0.17 ENGLISH.pdf.