

# Instructions(ST-1A)

## **General features:**

ST-1A, with simple style, small and fashionable appearance, adopts microcomputer high-performance chip and high-precision sensors, can switch between  $^{\circ}\text{C}$  and  $^{\circ}\text{F}$ , measure and display the temperature clearly under the circumstances such as: refrigerated cabinet, air-condition outlet, cold storage, also suitable for aquarium market, and household, and present action.

## **Technical parameters:**

Temperature measuring range:  $-50^{\circ}\text{C}\sim+80^{\circ}\text{C}$  ( $-58^{\circ}\text{F}\sim+176^{\circ}\text{F}$ )

Accuracy:  $\pm 1^{\circ}\text{C}$  ( $-20^{\circ}\text{C}\sim+80^{\circ}\text{C}$ );  $\pm 2^{\circ}\text{F}$  ( $-4^{\circ}\text{F}\sim+176^{\circ}\text{F}$ )

Resolution:  $0.1^{\circ}\text{C}$

Product size:  $55.5\text{mm}\times 42.5\text{mm}\times 16\text{mm}$

Sensors: NTC sensors(1 meter long)

Using environment: Temperature:  $0^{\circ}\text{C}\sim 60^{\circ}\text{C}$ ;

Relative humidity:  $20\%\sim 85\%\text{RH}$

Power: one button battery (LR44, 1.5V)

## **Operation instructions:**

◆ Open the battery cover to put in one LR44 batterie correctly, pay attention to the polarity.

◆ Press "ON/OFF" key once, product is on; Another press "ON/OFF" key, product is off.

◆ Press " $^{\circ}\text{C}/^{\circ}\text{F}$ " key to switch between  $^{\circ}\text{C}$  and  $^{\circ}\text{F}$ .

◆ LCD display "- - - -  $^{\circ}\text{C}$ " when measurement temperature is lower than  $-50^{\circ}\text{C}$ , sensor probe can't be put into use when temperature exceeds  $+80^{\circ}\text{C}$ , or sensor may occur thermal deformation.