

ARCTIC
HAYES

COMPACT DIGITAL THERMOMETER

User Manual



AHCT1

Before using the instrument, please read this manual carefully, and save for future reference.

In order to use the thermometer correctly, please read the instructions carefully before use, noting any safety information. It is recommended that you keep this instruction manual safe for future reference.

Before using the thermometer inspect the case.

Do not use the thermometer if it appears damaged. Look for cracks or missing plastic. Pay particular attention to the insulated wires on any thermocouple/probes used.

Do not use the thermometer if it operates abnormally. When in doubt, have the thermometer serviced/checked by an approved service engineer.

Do not operate the thermometer around explosive gas, vapour, or dust.

Do not use the thermometer on or near live apparatus.

Do not place the thermometer handset near to hot objects.

Handle with care, the tip of the probe is sharp and could cause harm or injury.

When the instrument is not in use for a long time, please take out the batteries to prevent damage caused by leakage.

Never attempt to open the unit and perform any repairs, this will automatically void the warranty.

General specification	
Range	-50°C~150°C [-58°C~302°C]
Sample reading	Every second
Resolution	0.1°C [-19.9 to +199.9°C], 1°C (others)
Accuracy	±1° [-30° to +150°C], more than ±2°C (others)
Power	1 x 1.5V button cell battery (included)
Dimensions	121 x 60 x 22mm (unit) 100 x 3.5 diameter probe

Battery Replacement

1. Lift the tilt stand.
2. Slide off battery cover.
3. Replace battery with one of same specification noting the polarity.
4. Replace battery cover.
5. Check unit turns on and off properly.

On / Off Power Button – Turns the thermometer on and off.

Hi AL Button – Press and hold HI AL button to set alarm for high alarm warning. Hi will display on screen when this is set. The alarm will beep four times when the set temperature is reached.

Lo AL Button – Press and hold Lo AL button to set alarm for low alarm warning. Low will display on screen when this is set. The alarm will beep four times when the set temperature is reached.

H/T Button – Press the H/T button to hold the temperature displayed on the screen, while in this mode the word HOLD will flash and display in top left of screen, press H/T to remove.


To remove the alarm setting the power button must be turn off. Only temperatures between -50°C and 150°C can be set to alarm.

Max / Min Button – Press the Max / Min Button to display the minimum and maximum temperatures taken during the measurement cycle press once to display minimum and again to show maximum. Min and Max will show on the display to indicate which temperature is shown. After 5 seconds the display will revert back to display current temperature.

°C / °F Button – Pressing this button will change displayed temperature between °C and °F.

Limited warranty

1 year warranty against any manufacturing defects or faulty workmanship. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination or abnormal conditions of operation or handling.

 **WEEE Directive 2012/19/EU At the end of the product life, dispose of the instrument & batteries in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.**



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