

Instruction Manual

HI 9063

Portable Waterproof Microprocessor K-Type Thermocouple Thermometer

REOTEMP
INSTRUMENTS

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1-800-648-7737



This Instrument is in
Compliance with CE
Directives

Dear Customer,
Thank you for choosing a **REOTEMP** product. This manual provide you with the necessary information for correct operation. Please read it carefully before using the meter. If you need additional technical information, do not hesitate to e-mail us at info@reotemp.com.

These instruments are in compliance with the **CE** directives.

PRELIMINARY EXAMINATION

Remove the instrument from the packing material and examine it carefully to make sure that no damage has occurred during shipping. If there is any noticeable damage, notify **REOTEMP** Instruments.

Note: Save all packing materials until you are sure that the instrument functions correctly. Any defective item must be returned in the original packaging together with the supplied accessories.

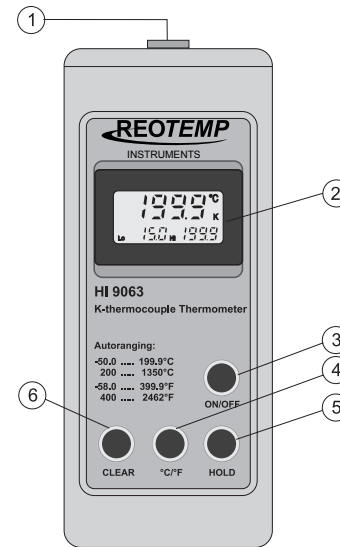
GENERAL DESCRIPTION

HI 9063 is a waterproof, microprocessor-based, K-type thermocouple thermometer, which provides very accurate measurements in a wide range of temperatures.

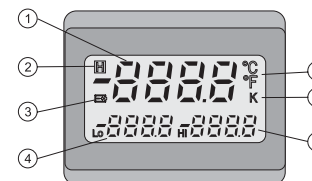
The meter is also provided with low battery detection and BEPS (Battery Error Preventing System), which turns the unit off when the batteries are discharged avoiding erroneous readings caused by low battery level.

HI 9063 features include autoranging capability, dual-level LCD for simultaneously displaying of maximum and minimum measured temperatures, °C/°F selection button and hold function.

Each meter is supplied complete with 4 x 1.5V AA batteries and instruction manual.



1. Temperature probe connector
2. Liquid Crystal Display
3. ON/OFF Key
4. Measuring unit selection key
5. HOLD measurement key
6. HI/LO values reset key



1. Current temperature value
2. HOLD indicator
3. Low Battery indicator
4. Minimum temperature value
5. Maximum temperature value
6. K-type probe indicator
7. Measuring scale, °C or °F

SPECIFICATIONS

Range (*)	-50.0 to 199.9°C / 200 to 1350°C -58.0 to 399.9°F / 400 to 2462°F
Resolution	0.1°C (up to 199.9°C) / 1°C (outside) 0.1°F (up to 399.9°F) / 1°F (outside)
Accuracy (@20°C/68°F)	±0.2% F.S. excluding probe error
Display	Dual-line LCD
Battery Type	4 x 1.5V AA (IEC LR6)
Life	approx. 2000 hours of continuous use
Probe	K-type thermocouple (see "Accessories")
Environment	-10 to 50°C (14 to 122°F); RH 100%
Dimensions	196 x 80 x 60 mm (7.7x3.1x2.4")
Weight	425 g (15 oz.) meter only

(*) Range may be limited by probe.

CONTACT INFORMATION

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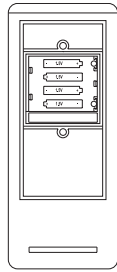
OPERATIONAL GUIDE

INITIAL PREPARATION

Each meter is supplied complete with batteries.

Remove the back cover, unwrap the batteries and install them while paying attention to their polarity.

Connect a K-type thermocouple probe to the meter.



To switch on, press the ON/OFF key on the front of the meter.

If the meter does not come on, make sure that the batteries are correctly installed.



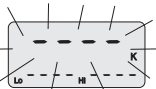
The thermometer will carry out a self diagnostic test routine, the LCD will show all segments for a few seconds (or as long as ON/OFF is held), followed by the percentage indication of the remaining battery life.



The thermometer then enters normal measurement mode.

If a temperature probe is plugged in, the meter displays the measured temperature.

If no probe is plugged in, or if reading is over-range, the display shows flashing dashes.



If a measurement is slightly over the range of the meter specifications, the display flashes the closest full-scale value.

To switch the thermometer OFF, press the ON/OFF key.

MEASURING SCALE (°C/°F)

The instrument is factory set to the °C scale, but measurements can be performed in either the Celsius or Fahrenheit scale.

Press the °C/°F button to select the desired scale.



HOLD MODE

The HOLD function is activated by pressing the HOLD key.

The measured temperature is held on the display until HOLD is pressed again.

The "H" tag blinks on the display to indicate the HOLD mode.



Note: Although the display is frozen, internally the meter continues measuring and updating Hi and Lo values.

HIGH/LOW TEMPERATURES

The maximum and minimum temperatures are continuously monitored and displayed in the lower portion of the LCD.



Note: When reading goes over-range, the Hi and Lo values display dashes until cleared.

CLEAR FUNCTION

Upon pressing the CLEAR key, the current reading is assigned to the highest and lowest temperature values. The High/Low values may be cleared at any time during measurement.



BATTERY REPLACEMENT

The instrument is powered by four 1.5 V alkaline batteries and is provided with the Battery Error Prevention System (BEPS), which turns the unit off when a low battery signal is detected.

When the remaining battery level is less than 10%, a warning symbol blinks on the display to indicate a low battery condition.



It is recommended to replace the batteries as soon as the low battery condition is detected.

Battery replacement must only take place in a nonhazardous area using four 1.5V alkaline batteries.

In order to replace rundown batteries, simply remove the two screws on the rear cover of the instrument and replace the four batteries with new ones paying attention to the correct polarity.

Reattach the cover and tighten the two screws.

Recommendations for Users

Before using these products, make sure that they are entirely suitable for the environment in which they are used.

Operation of these instruments in residential areas could cause unacceptable interference to radio and TV equipment, requiring the operator to take all necessary steps to correct interference.

Any variation introduced by the user to the supplied equipment may degrade the instruments' EMC performance.

To avoid electrical shock, do not use these instruments when voltage at the measurement surface exceeds 24VAC or 60VDC.

To avoid damage or burns, do not perform any measurement in microwave ovens.