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KLEIN TOOLS ET05

Klein Tools ET05 Digital Pocket Thermometer User Manual

Model: ET05

PRODUCT OVERVIEW

The Klein Tools ET05 is a digital thermometer designed for ambient and direct-contact temperature readings. It supports both Fahrenheit (F) and Celsius (C) scales, making it versatile for various applications, particularly in HVAC field service. Its rugged and portable design, along with a protective sheath that doubles as an extended handle, ensures durability and ease of use in professional environments.

Image: Klein Tools ET05 Digital Pocket Thermometer with its protective sheath.

SAFETY INFORMATION

Before each use, it is crucial to read, understand, and follow all instructions, cautions, and warnings provided with the Klein Tools ET05 Digital Pocket Thermometer. This thermometer is **NOT** intended for use on people or animals. Always prioritize safety when operating any test and measurement device.

SETUP

The Klein Tools ET05 Digital Pocket Thermometer comes ready for use with included batteries. Follow these steps for initial setup:

1. **Unpack the Thermometer:** Carefully remove the thermometer and its protective sheath from the packaging.

2. **Battery Installation (if not pre-installed):** The thermometer requires two LR44 batteries. If they are not already installed, locate the battery compartment, typically on the back or side of the device, and insert the batteries according to the polarity markings.

3. **Attach Protective Sheath:** The protective sheath can be used to cover the probe when not in use or extended to serve as a handle for increased reach during measurements. Ensure it is securely attached or removed as needed.

Image: The Klein Tools ET05 thermometer with its probe extended, alongside its protective sheath.

OPERATING INSTRUCTIONS

The ET05 thermometer is designed for straightforward operation. Here's how to use its main features:

Power On/Off

- To power on, press the **Power button**.
- The device features an automatic power-off function after 15 minutes of inactivity to conserve battery life.

Temperature Measurement

- Extend the probe from its protective sheath.
- Place the probe in direct contact with the substance or within the environment you wish to measure.

- The digital display will show the temperature reading. The thermometer has a wide measurement range of -40 to 482°F (-40 to 250°C).

Image: A hand holding the Klein Tools ET05 thermometer, measuring temperature in an industrial setting.

Image: The Klein Tools ET05 thermometer being used to measure the temperature inside an HVAC vent.

Fahrenheit/Celsius Selection

- Press the **°F/°C button** to toggle between Fahrenheit and Celsius units.

Advanced Functions (Max/Min, Hold, Average)

- **HOLD:** Press the **HOLD button** to freeze the current temperature reading on the display. Press again to resume live readings.
- **MAX/MIN/AVG:** Press the **MAX/MIN/AVG button** to cycle through the maximum, minimum, and average temperature readings recorded during a measurement session.

Image: A graphic highlighting the features of the Klein Tools ET05, including its temperature range, backlit LCD display, and MAX/MIN/AVG functions.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Klein Tools ET05 Digital Pocket Thermometer:

- **Cleaning:** Wipe the thermometer clean with a damp cloth. Do not submerge the device in water or use abrasive cleaners.

- **Storage:** When not in use, store the thermometer with the probe retracted into its protective sheath. Keep it in a dry environment, away from extreme temperatures and direct sunlight.

- **Battery Replacement:** If the display becomes dim or the device does not power on, replace the two LR44 batteries. Ensure correct polarity.

TROUBLESHOOTING

If you encounter issues with your ET05 thermometer, try the following common troubleshooting steps:

- **No Display/Dim Display:**

- Check battery orientation.
- Replace batteries with fresh LR44 cells.

- **Inaccurate Readings:**

  - Ensure the probe is clean and free of debris.
  - Verify the probe is in proper contact with the measurement area.
  - Allow the thermometer to stabilize in the environment before taking a reading.

- **Device Not Responding:**

  - Remove and reinsert batteries to perform a soft reset.

If problems persist after attempting these steps, please refer to the support information provided in the Warranty and Support section.

SPECIFICATIONS

| Feature	Detail
Model Number	ET05
Brand	KLEIN TOOLS
Measurement Range	-40 to 482°F (-40 to 250°C)
Accuracy (Room Temp)	+/- 27°F (+/- 15°C)
Display Type	Digital, Backlit
Power Source	2 x LR44 Batteries (included)
Auto-Power Off	After 15 minutes
Special Features	Max/Min, Hold, Average functions, Pocket Clip
Product Dimensions	1.08 x 0.94 x 6.5 inches
Item Weight	1.4 ounces
Material	Stainless Steel (probe)
Included Components	Pocket Thermometer; 2 x LR44 Batteries
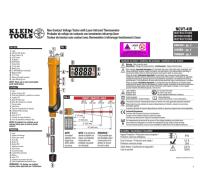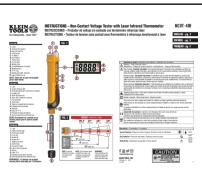
WARRANTY AND SUPPORT

For warranty information or technical support regarding your Klein Tools ET05 Digital Pocket Thermometer, please refer to the official Klein Tools website or contact their customer service. A detailed Instructions for Use (IFU) document is available for download:

Download Instructions for Use (PDF)

You can also visit the official KLEIN TOOLS Store on Amazon for more product information and support resources.

	[Klein Tools NCVT-4IR Non-Contact Voltage Tester with Laser Infrared Thermometer - Instructions & Specifications](#) Official instructions and specifications for the Klein Tools NCVT-4IR, a non-contact voltage tester with a built-in laser infrared thermometer. Learn about its features, operation, safety warnings, and maintenance.
	[Klein Tools IR5 Dual-laser Infrared Thermometer Instruction Manual](#) Official instruction manual for the Klein Tools IR5 Dual-laser Infrared Thermometer. Provides detailed information on features, specifications, operating procedures, maintenance, and safety warnings for professional use.
	[Klein Tools NCVT-4IR Non-Contact Voltage Tester with Laser Infrared Thermometer - User Manual](#) Comprehensive instructions and specifications for the Klein Tools NCVT-4IR, a non-contact voltage tester with a built-in laser infrared thermometer. Learn about its features, operation, safety warnings, and maintenance.
	[Klein Tools IR1 Infrared Thermometer Instruction Manual](#) Instruction manual for the Klein Tools IR1 Infrared Thermometer, detailing its features, specifications, operating instructions, maintenance, and safety warnings.
	[Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter Instruction Manual](#) Explore the Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter with this comprehensive instruction manual. Learn about its features for measuring AC/DC voltage, current, resistance, capacitance, frequency, temperature, and more. Includes detailed specifications and safety guidelines.
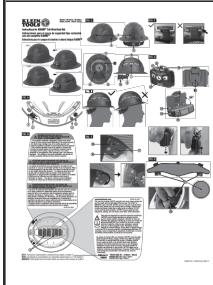
[Klein Tools KARBN™ Full-Brim Hard Hat: User Manual, Specs & Safety Guide](#)
Detailed instructions and specifications for the Klein Tools KARBN™ Full-Brim Hard Hat (Models 60626, 60345, 60346, 60347). Covers general specifications, fitting, adjustments, maintenance, safety warnings, and accessory compatibility.