LiMiT

60

Manual Thermometer Limit 60

Digital thermometer with two inputs for measuring with two probes at same time.
Up to 99 measurements can be stored over a period of time, by setting automatic logging interval or manually stored. Stored measurements can be transfer to PC.
The display shows Max-Min-Average and difference between two probes. Hold function.
Easy to compensate for errors of a probe. Display backlight. Switchable between °C and °F
Warning of low battery capacity. Probes of type K, J, T and E can be used.

Specification

Range type K	°C	-200 … +1370
Reading	°C	0,1
Accuracy	°C	0,8 ± 0,5 %
Operation temperature	°C	-10 … +50
Storage temperature	°C	-40 … +60
Dimension	mm	175x85x30
Weight	g	270
Battery		1 pc 9 V 6F22

Saftey informations

CE. Safety EN55022, EN55024
EN61326   Electrical equipment for measurement, control and laboratory use.

Buttons

Φ	On / Off
☼	On / Off Display backlight
HOLD	On / Off Display backlight
°C°F K	Select between Celsius Fahrenheit and Kelvin.
MAX/MIN	Toggle between max, min, and average.
T1 T2 T1-T2	Toggle between T1 and T2 and different between T1 and T2.
SEND	Enter USB mode for connection to PC.
STORE	Start logging mode. Memory for 99 readings.
RECALL	Show logged readings.
SETUP	Start and exit setups
▲▼	Increase and decrease by setup.
ENTER	Confirm setup.

SET UP	Toggle with SETUP button between the different setup options. Confirm selected setup with ENTER.
Logging interval	Display shows INTERVAL. Select logging interval. Press with ▲▼ Interval from 0:01 to max 59:59 minutes. For manual interval set 0:00.
Probe type	Display shows TYPE. Select type K, J, T or E with ▲▼.
Chance Offset	Display shows OFFSET T1. Press with ▲▼ until the display shows correct reading for T1 . Repeat for T2.

Sleep mode	Display shows SLP. Press ▲▼ for sleep mode time between 5 and 60 minutes. For manual off, set less time than 5 minutes.
Frequency	Display shows LINE. Select with ▲▼ 50 Hz or 60Hz.
Time	Display shows S-T. Press ENTER for toggle between minutes:second (m:s) or hour:minutes (h:m). Set correct time with▲▼.
Temperature compensation	Display shows NTC. Press ▲▼ to select on or off.

Operation

Measuring	Select a suitable probe depending of measurement a solid surface, liquid material, gas, or other kind of material. Turn on the instrument. Plug in the probe and make correct setup Start measuring.
Store measurements	Select logging interval. Press STORE for start logging and press STORE again to stop. Press ENTER to pause auto logging. Press ENTER again to continue For manual store set interval 0:00. Press ENTER for each manual logging.
Viewing logged readings	Press RECALL and toggle with ▲▼.
Cleaning memory	Press STORE. The display shows DATA and blinks. Press STORE for 2 seconds. The display shows CLR. Press ENTER and all logged readings will be deleted from memory. It is not possible to delete readings one by one.
Temp. compensation	Use the offset option in setup to adjust the thermometers reading to compensate for errors of a specific probe. Place the probe in a known, stable temperature environment.. See Chance Offset above
Transfer to PC	Connect the instrument with USB cable to PC. Setup software in the PC. Press SEND. The display blinks USB when thermometer and PC are connected. Press SEND to quite.
Battery	Replace battery when battery symbol show up on the display. Turn off the instrument. Loosen the screw and remove the battery lid. See fig. Replace with 1 pc 9 V 6F22.
Maintenance	Cleaning the case with soap and water or mild cleaner.

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