

THERMOCOUPLE THERMOMETERS

TT 21 - TT 22

DEVICE DESCRIPTION



PERFORM A MEASUREMENT

- > Connect the thermocouple probe(s).
- > Turn on the device by a long press on **"On/Off"** key.
- > Put the probe(s) on the required location.
The device displays the temperature measurement with the type of thermocouple and the selected unit below.

For a **TT 22**:

- > Press **"Selection"** to change the channel: channel 1, channel 2, delta T, return to channel 1.
*The screen displays "1" for channel 1, "2" for channel 2 and "2-1" for delta T.
If no probe is connected on the channel, the device displays "---".*

HOLD THE MEASUREMENT, DISPLAY THE MINIMUM AND THE MAXIMUM

During a measurement:

- > Press **"Hold/min/max"**.
"Hold" is displayed and the measurement is frozen.

From the frozen measurement:

- > Press **"Hold/min/max"**.
*"Min" is displayed and the device displays the **minimum** value since the last interrogation of the frozen channel.*

- > Press again **"Hold/min/max"**.
*"Max" is displayed and the device displays the **maximum** value since the last interrogation of the frozen channel.*
- > Press again **"Hold/min/max"** to restore the measurement display.

For a **TT 22**:

- > Press **"Selection"** to change the channel: channel 1, channel 2, delta T, return to channel 1.
The screen displays "1" for channel 1, "2" for channel 2 and "2-1" for delta T.
- > Press **"OK"** to restore the measurement display.

DEVICE CONFIGURATION

Select the thermocouple type

The device is on and the measurement is displayed.

Below the measured value, the device displays "K" for K thermocouple or "T" for T thermocouple.

- > Carry out a long press on **"K-T"** to modify the thermocouple type.

Select the temperature unit

The device is on and the measurement is displayed.

Below the measured value, the device displays the selected unit: "°C" or "°F".

- > Press **"°C/°F"** to modify the unit.

Set the auto shut-off

The device is on and the measurement is displayed.

- > Carry out a long press on **"OK"** until **"AUTO OFF"** blinks.

- > Press **"OK"**.

The time before the device auto shut-off blinks.

- > Press **"Selection"** to select the required time before the device shut-off: 5, 10, 15, 20, 25, 30 minutes or OFF.

- > Press **"OK"** to validate.

"AUTO OFF" blinks.

- > Carry out a long press on **"OK"** to restore the measurement display.

SHUT OFF THE DEVICE

To shut off the device:

- > Carry out a long press on **"On/Off"**.

REPLACE THE BATTERIES

- > Remove the front part at the back of the device.
- > Replace the batteries by AAA LR03 1.5V batteries.
- > Replace the front.

SAFETY INSTRUCTIONS



In order to avoid a risk from a voltage on the element surface on which we want to perform a temperature measurement, the thermocouple(s) must not be submitted to a voltage higher than 30 V alternative or 60 V direct relative to earth.



In order to avoid any risk of a device damaging, the voltage between the two thermocouples must not be higher than 0.5 V.

 Once returned to KIMO, required waste collection will be assured in the respect of the environment in accordance to 2002/96/CE guidelines relating to WEEE



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