

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.