

Thermocouple thermometer TK 110 – TK 112

DESCRIPTION OF THE DEVICE



PERFORMS A MEASUREMENT

- Turn on the device by pressing on « **On/Off/Esc** ».
The device displays its name « TK110 » or « TK112 ».
- Put the probe to the required location.
The device displays the temperature measurement with the type of thermocouple below.

If the used thermometer is the TK112 with two connected probes, the device will display the two measures.

- Press on « **OK** » to display the delta between the two temperatures.

FREEZE THE MEASUREMENT

During a measurement :

- > Press on « **Hold/min/max** ».
« **Hold** » appears on screen and the measurement is frozen.
- > Press on « **On/Off/Esc** » to exit the hold function.
The device returns to the measurement display.

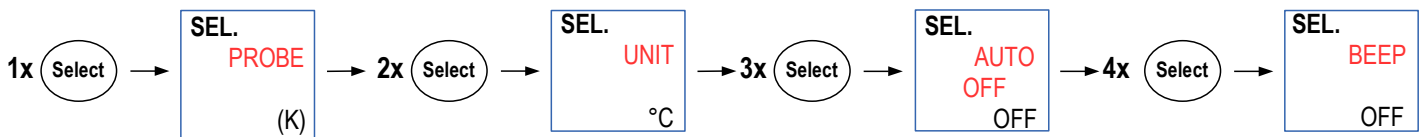
DISPLAY THE MINIMUM AND THE MAXIMUM

Once the measurement is frozen :

- > Press once on « **Hold/min/max** ».
 - If the device is a « **TK110** » or a « **TK112** » with one connected probe, the device displays the maximum value measured since the last questioning at the top of the screen and the minimum value measured since the last questioning at the bottom of the screen.
 - If the device is a « **TK112** » with two connected probes, the device display the maximum value of the probe T1 measured since the last questioning at the top of the screen and the minimum value of the probe T1 since the last questioning at the bottom of the screen.
- > Press again on « **Hold/min/max** » if the device is a « **TK112** » with two connected probes.
The device displays the maximum value of the probe T2 measured since the last questioning at the top of the screen and the minimum value of the probe T2 since the last questioning at the bottom of the screen.
- > Press on « **On/Off/Esc** » to return to the measurement display.

ADJUST THE DEVICE

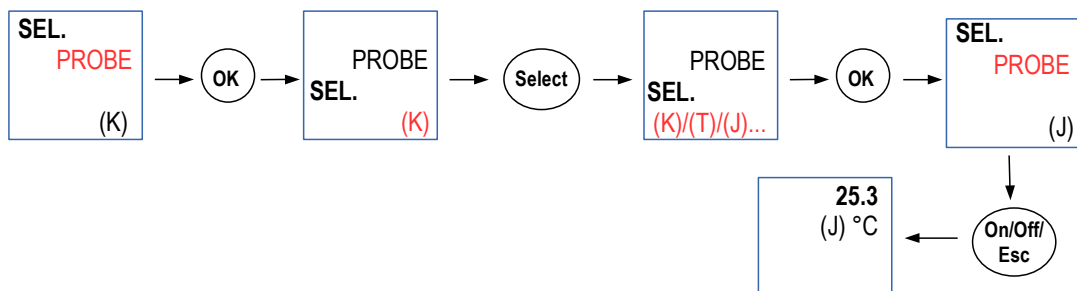
- **Device drop-down menu**



Select the type of thermocouple :

The device is on and displays the measurement :

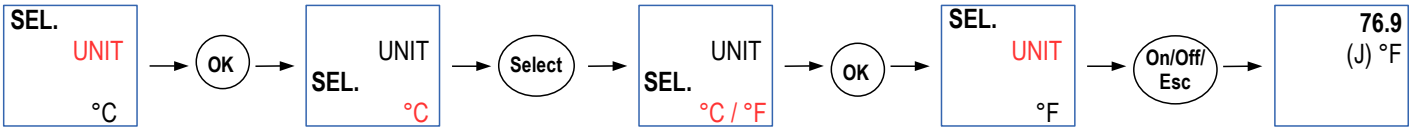
- > Press on « **Select** ».
« **PROBE** » blinks on screen.
- > Press on « **OK** ».
The type of thermocouple currently used blinks on screen.
- > Press on « **Select** » until the required type of thermocouple appears : K, T, J or S.
- > Press on « **OK** » to validate.
« **PROBE** » blinks on screen.
- > Press on « **On/Off/Esc** » to return to the measurement display.



Select the measuring unit :

The device is on and displays the measurement.

- Press on « **Select** » until « **UNIT** » blinks on screen.
- Press on « **OK** ».
The unit currently used blinks on screen.
- Press on « **Select** » until the required unit appears : °C or °F.
- Press on « **OK** » to validate the unit selection.
« **UNIT** » blinks on screen.
- Press on « **On/Off/Esc** » to return to the measurement display.



Adjust the auto shut-off! :

The device is on and displays the measurement.

- Press on « **Select** » until « **AUTO OFF** » blinks on screen.
- Press on « **OK** ».
The time before device auto shut-off blinks at the bottom of the screen.
- Press on « **Select** » until the required time before auto shut-off appears : 15, 30, 45, 60, 75, 90, 105, 120 minutes or OFF.
- Press on « **OK** » to validate.
« **AUTO OFF** » blinks on screen.
- Press on « **On/Off/Esc** » to return to the measurement display.



Activate or deactivate the keys beep :

The device is on and displays the measurement.

- Press on « **Select** » until « **BEEP** » blinks on screen.
- Press on « **OK** ».
« **OFF** » or « **ON** » blinks on screen.
- Press on « **Select** » to activate the keys beep « **ON** » or deactivate it « **OFF** ».
- Press on « **OK** » to validate.
« **BEEP** » blinks on screen.
- Press on « **On/Off/Esc** » to return to the measurement display.



Adjust the alarm :

This function allows to activate a temperature alarm on the channel 1 when the device reaches and exceeds a previously defined threshold.

This threshold will be between -200 and +1760°C following the thermocouple type of the probe.

The device is on and displays the measurement.

- > Press on « **Select** » until « **AL 1** » blinks.
- > Press on « **OK** ».
The first digit blinks.
- > Press on « **Select** » to select the first digit value depending on the thermocouple type of the probe : -, 0, 1 or off.
 - If « off » is selected, the alarm is deactivated. Press on « **OK** » to validate, « **AL 1** » blinks on screen.
 - If -, 0 or 1 is selected, press on « **OK** ». The following digit blinks, press on « **Select** » to select its value then press on « **OK** » to validate. Perform the same procedure to select the value of the following digits (*Press on « **On/Off/Esc** » to return to the following digit*). Press on « **OK** » when the first digit is adjusted, « **AL 1** » blinks on screen.
- > Press on « **On/Off/Esc** » to return to the measurement display.

ACTIVATE THE BACKLIGHT

The device is on.

- > Press on « **Backlight** » :  to activate the device backlight.
- > Press again on this key to deactivate the backlight.

CHANGE THE BATTERIES

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



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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