![KIMO INSTRUMENTS logo]

Pt100 thermometers
TR 61 – TR 62

DEVICE DESCRIPTION

OK key

Backlight key

On/Off/Esc key

Selection key

Hold/min/max key

PERFORM A MEASUREMENT

➤ Turn the device on by pressing **"On/Off/Esc"**.
➤ Put the probe(s) to the required location.
  The device displays the temperature measurement.
  If the thermometer used is the TR62 with two connected probes, the device will display the two measurements.
➤ Press **"OK"** to display the delta T between the two measured temperatures.

HOLD THE MEASUREMENT, DISPLAY THE MAXIMUM AND MINIMUM

During a measurement:
➤ Press **"Hold/min/max"**.
  "Hold" *is displayed and the measurement is frozen.*
➤ Press again **"Hold/min/max"**.
  *The device displays the **maximum** value measured since the last questioning of the frozen channel at the top of the screen and the **minimum** value measured since the last questioning of the frozen channel at the bottom of the screen.*

  *For a **TR 62** with two connected probes:*
  *The device displays the **maximum** value of the C1 probe measured since the last questioning of the frozen channel at the top of the screen and the **minimum** value of the C1 probe measured since the last questioning of the frozen channel at the bottom of the screen.*
➤ Press again **"Hold/min/max"**.
  *The device displays the **maximum** value of the C2 probe measured since the last questioning of the frozen channel at the top of the screen and the **minimum** value of the C2 probe measured since the last questioning of the frozen channel at the bottom of the screen.*
➤ Press again **Hold/min/max.**
  *The device displays the **maximum** value of the delta T since the last questioning of the frozen channel at the top of the screen and the **minimum** value of the delta T since the last questioning of the frozen channel at the bottom of the screen.*

➤ Press **"On/Off/Esc"** to return to the measurement display.

SET THE DEVICE

Select the temperature unit
The device is on and displays the measurement.
➤ Press **"Selection"** until **"UNIT"** blinks on screen. Press **"OK"**.
The unit currently used blinks on screen.
➤ Press **"Selection"** until the required unit appears: °C or °F.
➤ Press **"OK"** to confirm the unit selection.
"UNIT" blinks on screen.
➤ Press **"On/Off/Esc"** to return to the measurement display.

Set the auto shut-off
The device is on and displays the measurement.
➤ Press **"Selection"** until "**AUTO OFF**" blinks on screen. Press **"OK"**.
The time before the device auto shut-off blinks at the bottom of the screen.
➤ Press **"Selection"** until the required time before the device auto shut-off appears: 15, 30, 45, 60, 75, 90, 105, 120 minutes or OFF.
➤ Press **"OK"** to confirm the selection.
"AUTO OFF" blinks on screen.
➤ Press **"On/Off/Esc"** to return to the measurement display.

Activate or deactivate the keys beep
The device is on and displays the measurement.
➤ Press **"Selection"** until **"BEEP"** blinks on screen. Press **"OK"**.
"OFF" or *"ON"* blinks on screen.
➤ Press **"Selection"** to activate the keys beep **"ON"** or deactivate it **"OFF"**.
➤ Press **"OK"** to confirm the selection.
"BEEP" blinks on screen.
➤ Press **"On/Off/Esc"** to return to the measurement display.

Set the alarm
This function allows to activate a temperature alarm on channel 1 when the device reaches or exceeds a previously defined threshold. This threshold is between -100 and +400°C.
The device is on and displays the measurement.
➤ Press **"Selection"** until **"AL 1"** blinks on screen.
➤ Press **"OK"**.
The first digit blinks. This digit also allows to deactivate the alarm.
➤ Press **"Selection"** to select the value of the first digit: -, 0, 1 or OFF.
  • If **"Off"** is selected, the alarm is deactivated. Press **"OK"** to confirm, **"AL 1"** blinks on screen.
  • If -, 0 or 1 is selected, press **"OK"**. The next digit blinks, press **"Selection"** to select its value then press **"OK"** to confirm. Perform the same procedure to select the value of the following digits (press **"On/Off/Esc"** to return to the previous digit). Press **"OK"** when the last digit is set, **"AL 1"** blinks on screen.
➤ Press **"On/Off/Esc"** to return to the measurement display.

ACTIVATE THE BACKLIGHT

The device is on.
➤ Press **"Backlight"** ☼ to activate the device backlight.
➤ Press again this key to deactivate the backlight.

TURN OFF THE DEVICE

To turn off the device:
➤ Carry out a long press on **"On/Off/Esc"**.

REPLACE 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

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.**

afaq ISO 9001 Qualité AFNOR CERTIFICATION

Export Department
Tel.: +33 (0)1 60 06 69 25
Fax: +33 (0)1 60 06 69 29
Email: export@kimo.fr

Distributed by:

www.kimo.fr