KIMO®
INSTRUMENTS

Pressure / Temperature / Humidity / Air velocity / Airflow / Sound level

Tachometer
CT 110

DESCRIPTION OF THE DEVICE

OK key

Backlight key

Select key

On/Off/Esc key

Hold/min/max key

PERFORM A MEASUREMENT

➢ Turn on the device by pressing on « **On/Off/Esc** ».
The device displays its name « CT110 ».
➢ Put the probe to the required location.
The device displays the measured velocity.

⚠️ **If the type of selected probe is the contact probe, put the contact tip on the probe.**
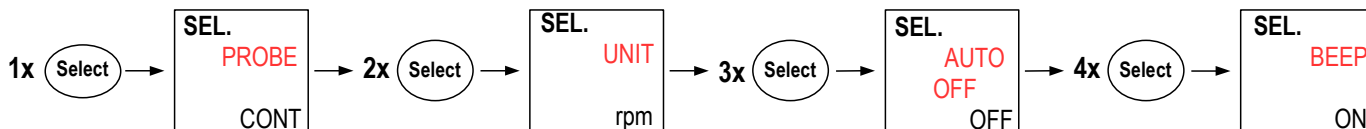

FREEZE THE MEASUREMENT

During a measurement :
➢ Press on « **Hold/min/max** » to freeze the measurement.
« Hold » displays on screen and the measurements are frozen.
➢ Press on « **On/Off/Esc** » to exit the hold function.
The device returns to the measurements display.

DISPLAY THE MINIMUM AND THE MAXIMUM

Once the measurement are frozen :
➢ Press again on « **Hold/min/max** ».
• *The device displays the maximum value of velocity measured since the last questioning at the top of the screen and the minimum value of velocity measured since the last questioning at the bottom of the screen.*
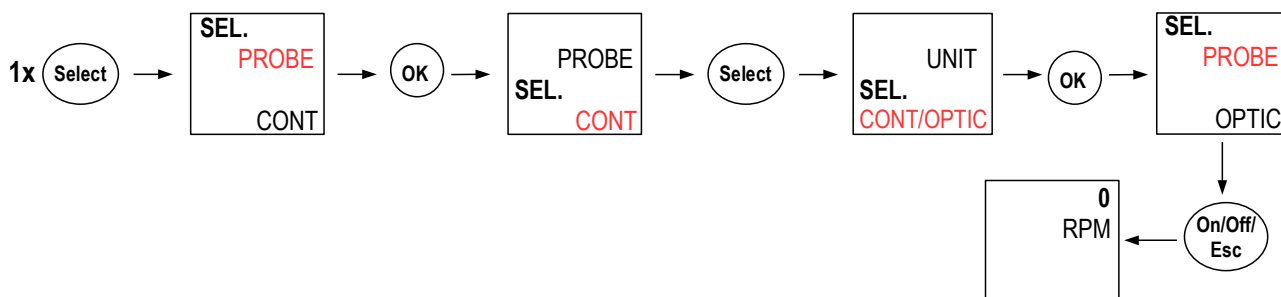➢ Press again on « **On/Off/Esc** » to return to the measurement display.

- **Device drop-down menu**

1x (Select) → | SEL.
PROBE

CONT | → **2x** (Select) → | SEL.
UNIT

rpm | → **3x** (Select) → | SEL.
AUTO
OFF
OFF | → **4x** (Select) → | SEL.
BEEP

ON |

Select the probe type
It is possible to select the probe type: optic probe or contact probe.
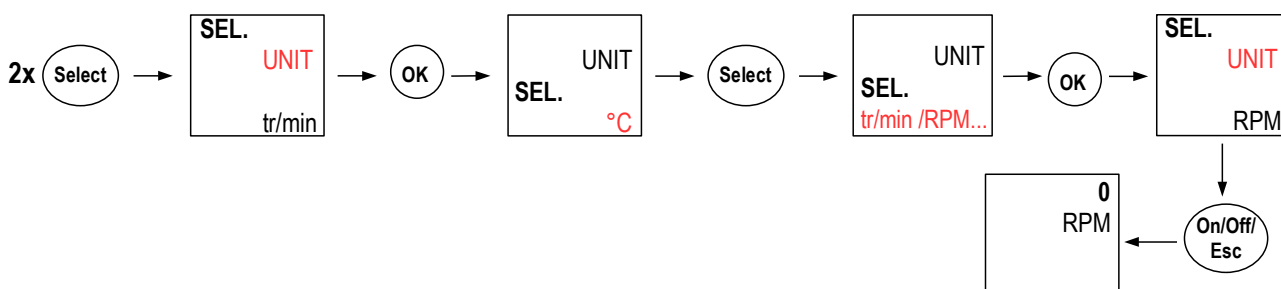- ➢ Press on « **Select** ».
  « PROBE » blinks on screen.
- ➢ Press on « **OK** ».
  The probe type currently used blinks on the screen.
- ➢ Press on « **Select** » to select « **OPTIC** » for the optic probe or « **CONT** » for the contact probe.
- ➢ Press on « **OK** » to validate.
  « PROBE » blinks on screen.
- ➢ Press on « **On/Off/Esc** » to return to the measurement display.

1x (Select) → | SEL.
PROBE

CONT | → (OK) → | PROBE
SEL.

CONT | → (Select) → | UNIT
SEL.
CONT/OPTIC | → (OK) → | SEL.
PROBE

OPTIC |

| 0
RPM | ← (On/Off/Esc) ←

Select the measuring unit
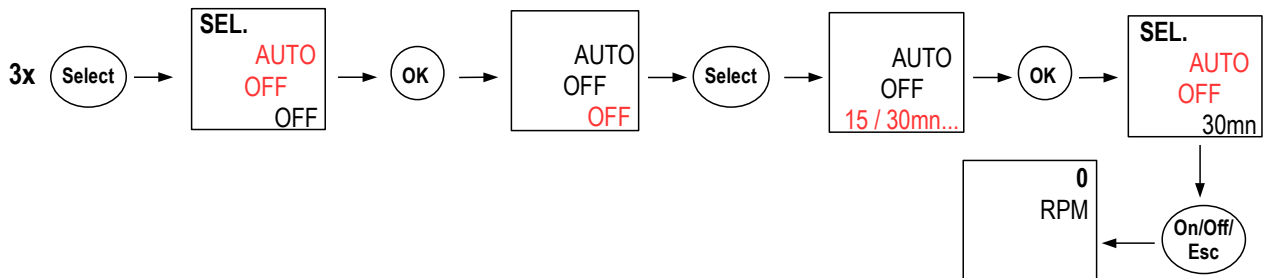*The device is on and displays the measurement.*
- ➢ Press on « **Select** » until « **UNIT** » blinks on screen.
- ➢ Press on « **OK** », the unit currently used blinks on screen.
  - • <u>For the contact probe</u> : press on « **Select** » until the required unit appears : tr/min, rpm, m/min, in/min, ft/min or m/s.
  - • <u>For the optic probe</u> : press on « **Select** » until the required unit appears : tr/min or rpm.
- ➢ Press on « **OK** » to validate the unit selection.
  « UNIT » blinks on screen.
- ➢ Press on « **On/Off/Esc** » to return to the measurement display.

2x (Select) → | SEL.
UNIT

tr/min | → (OK) → | UNIT
SEL.

°C | → (Select) → | UNIT
SEL.
tr/min /RPM... | → (OK) → | SEL.
UNIT

RPM |

| 0
RPM | ← (On/Off/Esc) ←

Adjust the auto shut-off
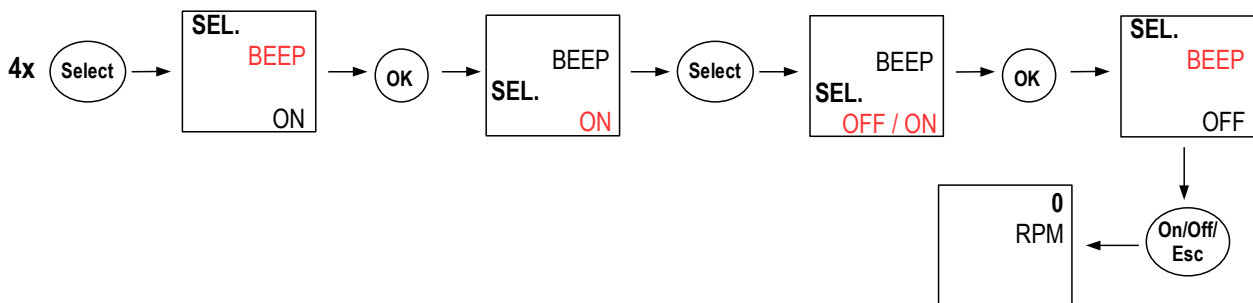
The device is on and displays the measurement.

- ➢ 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** » to select the time before device auto shut-off : 15, 30, 45, 60, 75, 90, 105, 120 or OFF.
- ➢ Press on « **OK** » to validate.
- ➢ 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 the keys beep « **OFF** ».
- ➢ Press on « **OK** » to validate.
  « BEEP » blinks on screen.
- ➢ Press on « **On/Off/Esc** » to return to the measurement display.

ACTIVATE THE BACKLIGHT

The device is on and displays the measurements.

- ➢ Press on « **Backlight** » : ☀ to activate the device blacklight.
- ➢ To deactivate it press again on « **Backlight** ».

CHANGE THE BATTERIES

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