

## Operating Instructions –Quick Reference Guide-

This document is a quick reference guide. It is meant to give quick visual instructions on how to operate the device. They do not substitute the Instruction Manual. Please read the instruction manual as well.

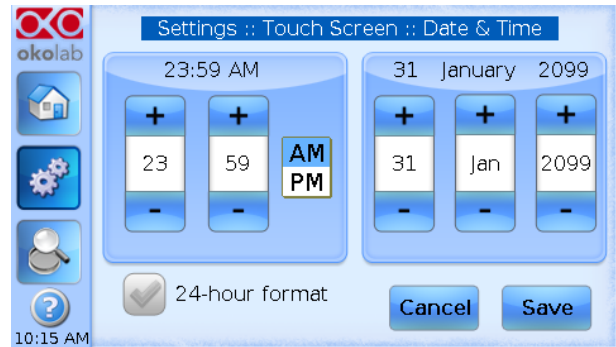
Switch touch screen ON. Switch is on left hand side of device.

### Set date and time:

Press the 'gear icon'



Next press "Date and Time"



Use the + and – to set correct date/time and then press "Save".

Press "home" icon if you want to go back to the home page.

### Set alarms:

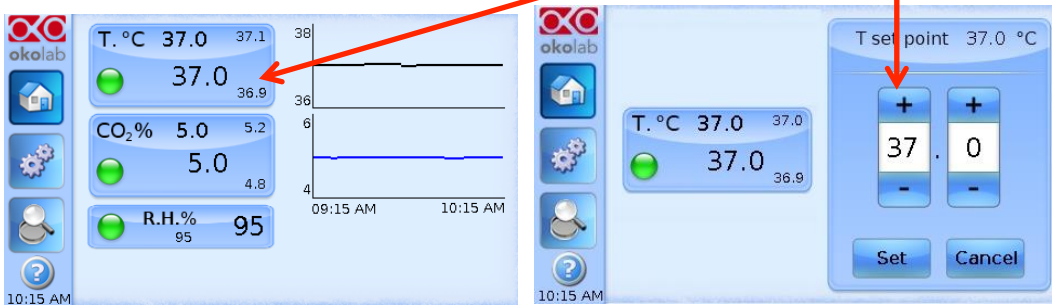
Press the 'gear icon'



Next press "Alarms" and uncheck 'buzzer'

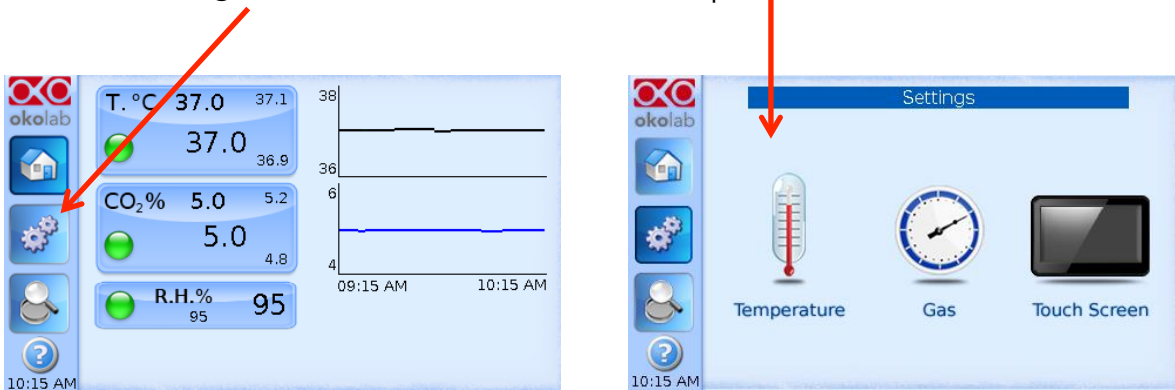


**Set Temperature: To change set point press the window and adjust to the desired set point.**



**NEXT select the chamber and insert in use:**

Press on the 'gear' Icon and then on the "temperature' icon



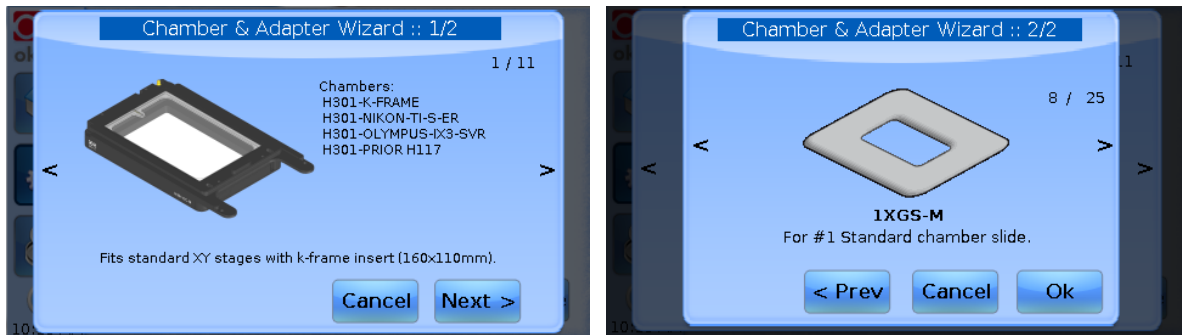
Press "chamber and adapter"

Press 'Change'



Select the chamber you have by pressing on the arrows '<' and '>' on the edges of the screen until you find the chamber you have. Once you find your chamber press 'NEXT' to access the inserts and follow the same procedure until you find the insert you have. Press 'OK' to select it.

See an example here:



If you are using a K-FRAME the touch screen may not have it. In that case select H301-EC-BL or any code that has 160x110mm in its description.

**Set control mode:** press 'Control mode' next press 'Sample' If you want to use the thin green thermocouple in a reference well as feedback. NOTE: if you do so, please make sure to place the thin green thermocouple in a reference well filled with water. Make sure the end of the thermocouple is fully immersed. If necessary, use tape to hold the thermocouple in place.

Press 'Chamber' if you want to use the feedback sensor embedded in the chamber. Press 'Save'.

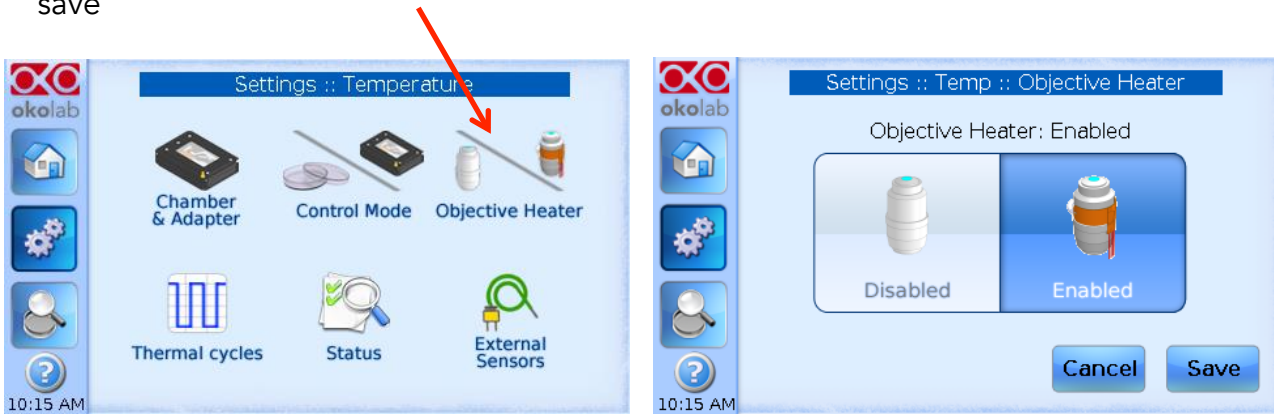


The system may ask you if you want to calibrate. Please know that it takes several hours. It is not necessary if the room temperature is within 1C from 23C. If the room temperature differs by more than 1C from 23C you can calibrate OR you can operate in sample feedback mode. Select 'Sample' and make sure to insert the green thermocouple into a reference well. Ensure that the tip of the thermocouple is fully immersed in liquid. You can use tape to hold the thermocouple in place.

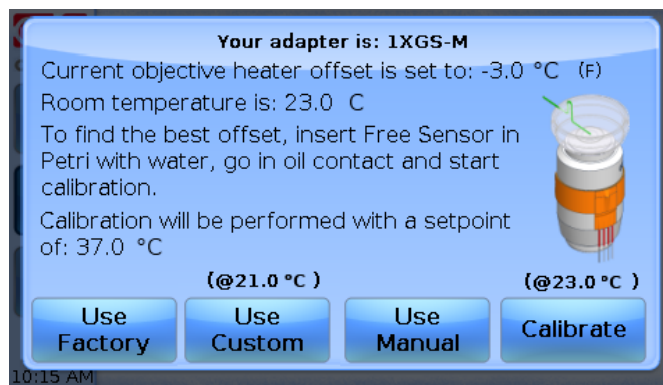
**Set objective heater if you are using it:** Before enabling it, make sure it is already installed around your objective, and that it has been correctly

**connected to the Temperature Control Unit.**

Press on 'objective heater' press 'enabled' or 'disabled' depending on your needs. Press 'save'

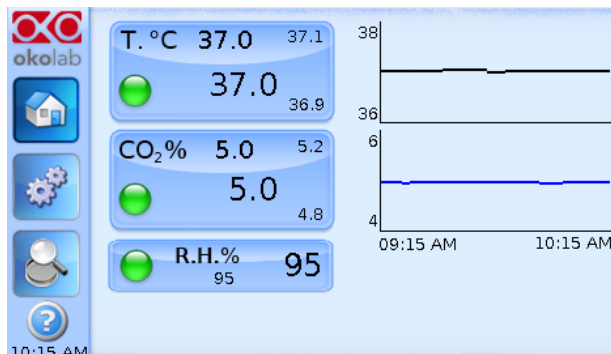


This screen will appear: be aware that if you calibrate it will take several hours. Press 'use factory'.

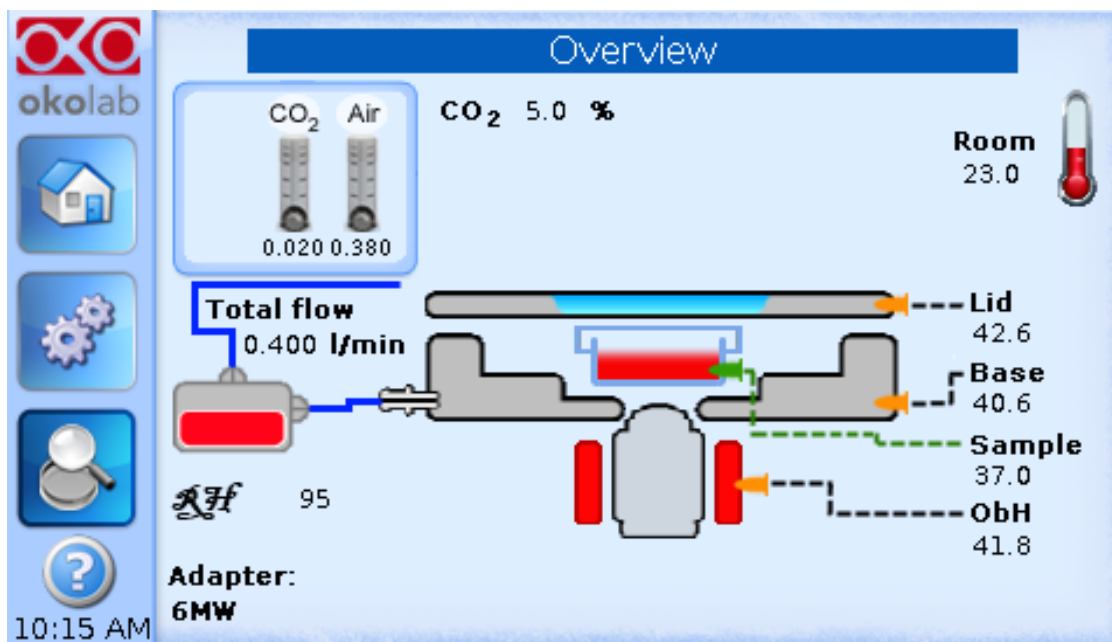


If you are using 5% pre-mixed CO2 the tab below for CO2 will not appear on the display. If you are using a buffered media you need to connect an air pump (OKO-AP)

To adjust humidity % press on its tab and use + and - to adjust to desired humidity %



If you press the 'magnifying glass' icon you will see this screen summarizing all the parameters in your system.



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