

Quick Operation Guide – Cage Incubator

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.

Assemble system as illustrated in PDF drawings included in packaging.

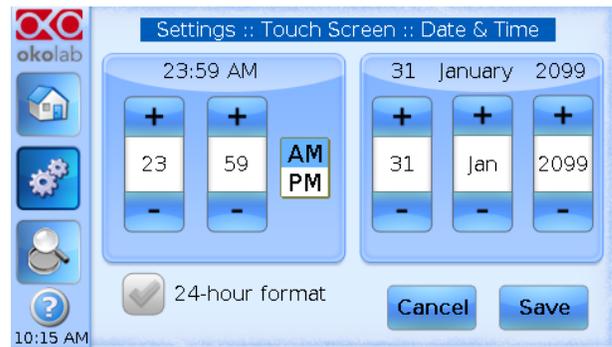
Switch touch screen ON. Switch is on left hand side of device.

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: for the purpose of the demo uncheck the "buzzer" button

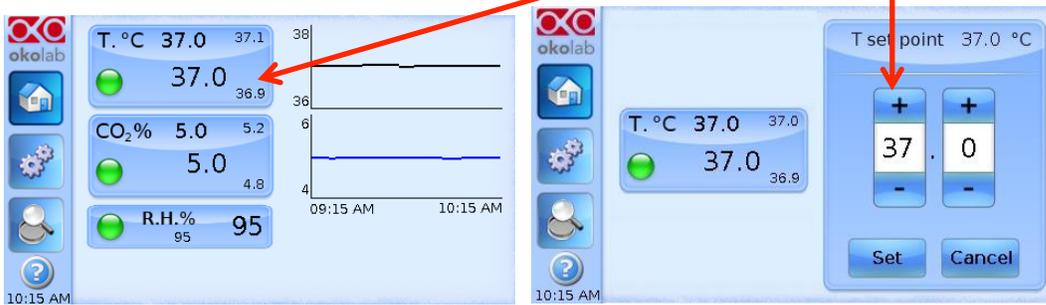
Press the 'gear icon'



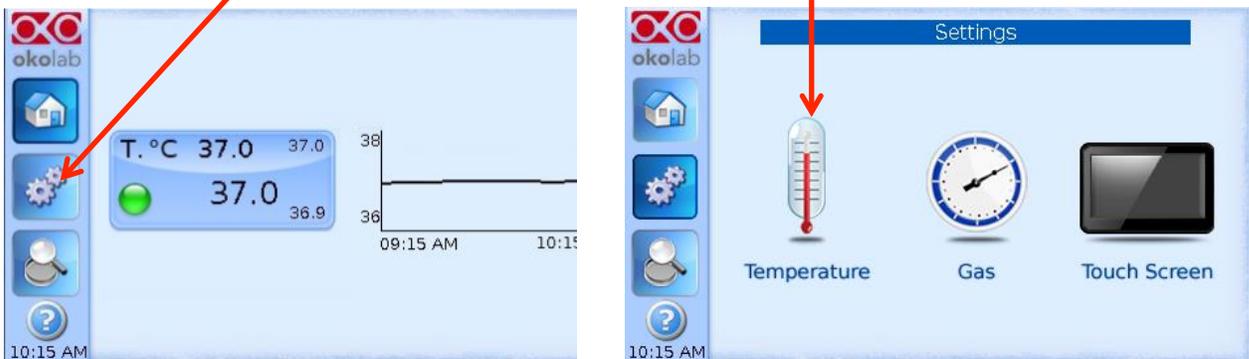
Next press "Alarms" and uncheck 'buzzer'



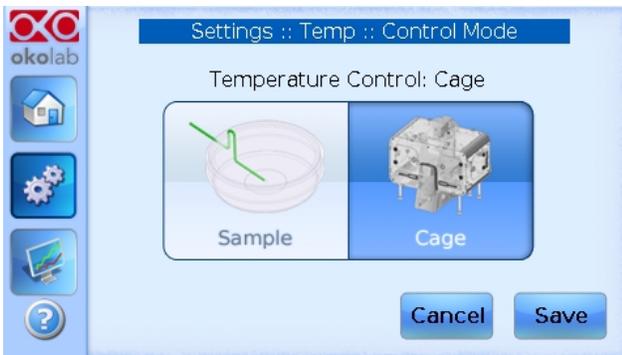
Set Temperature: To change set point press the window and adjust to the desired set point.



Next, press the 'gear' Icon and then the "temperature' icon

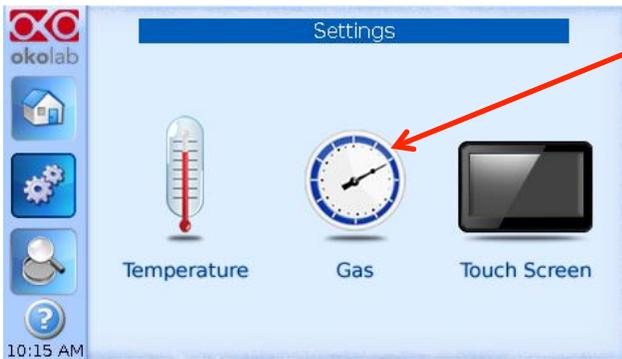


Set control mode: press 'Control mode' next press 'Sample' If you want to use the thin green thermocouple in a reference well as feedback. NOTE: if you do so, please make sure to place the thin green thermocouple in a reference well filled with water. Make sure the end of the thermocouple is fully immersed.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



Press 'Cage' if you want to use the white temperature sensor with silver tip as reference. Place the white temperature sensor close to the sample (by the stage, or condenser. Make sure its silver tip is not in contact with metal. Press 'Save'.

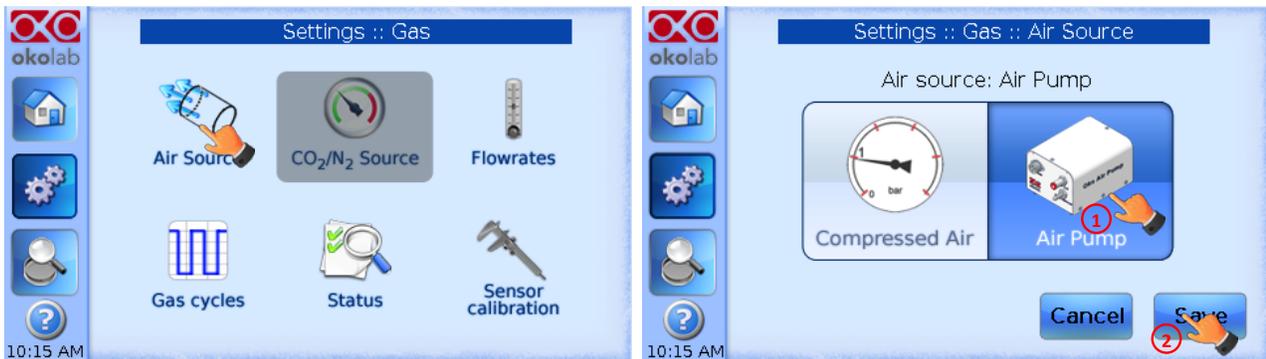
Gas Settings: press 'gear' icon, next press 'Gas' Icon.



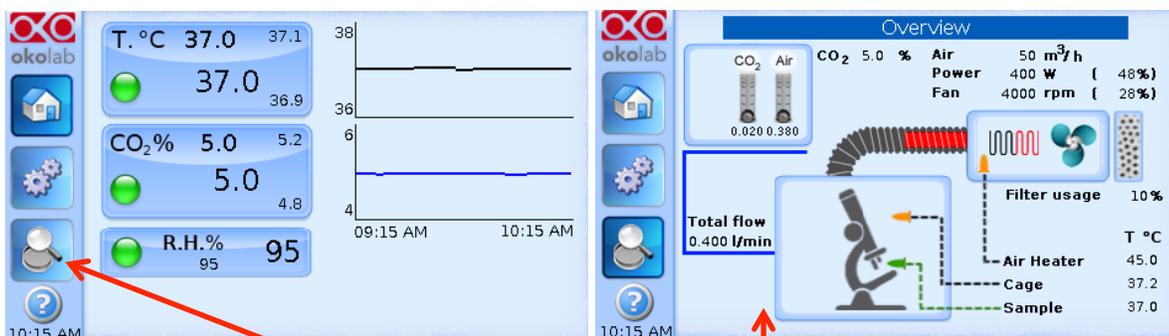
Press 'Air source': If you are using your own compressed air source or OKO AP then select 'Compressed air' ('Air pump' will be grayed out). **If you are using OKO AP BL** then press 'Air Pump' then 'Save'. Items grayed out refer to equipment not connected

Eg. In image below CO₂/N₂ Source is grayed out because the gas controller in use is not a digital controller for hypoxia.

(NOTE: N₂ displaces O₂ from air generating hypoxic conditions).



Press on the 'home' icon to see all items that you can control. Items not present are not connected. In the screen below T is missing and so is O₂ and N₂. But you will see them on the touch screen if they are part of your purchase and are connected. To change set points press on the item you want to change. Eg. CO₂ and then use the arrows to adjust to the desired set point and press 'Set'. Repeat the process for humidity and temperature.



If you press the 'magnifying glass' icon you will see the data from all the sensors in the system depending on the equipment connected.

If you have any questions contact:

Silvia Foppiano Ph.D.: foppiano@oko-lab.com

Luca Lanzaro Ph.D.: lanzaro@oko-lab.com