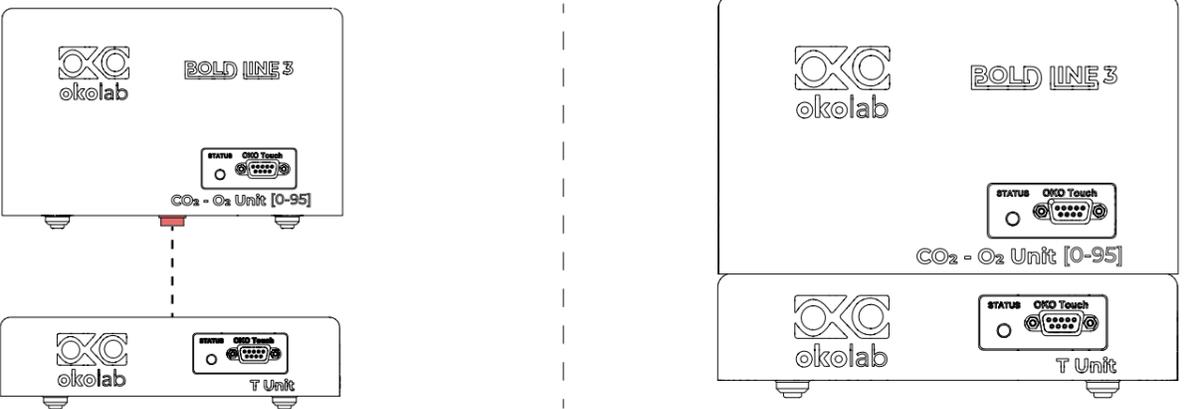
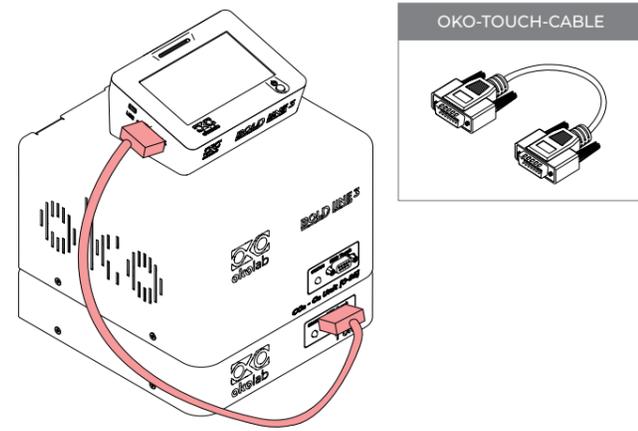


1. Equipment Installation

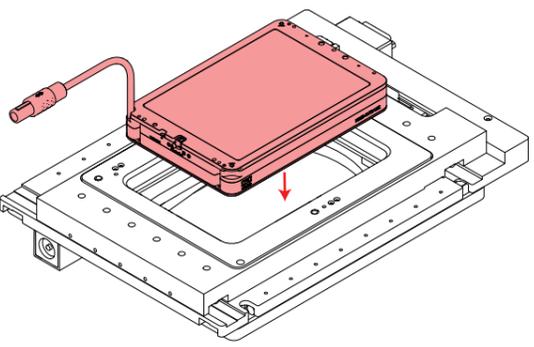
STEP 1 Install on stack the CO₂-O₂-UNIT [0-95]-BL3 on the H303-T-UNIT-BL.



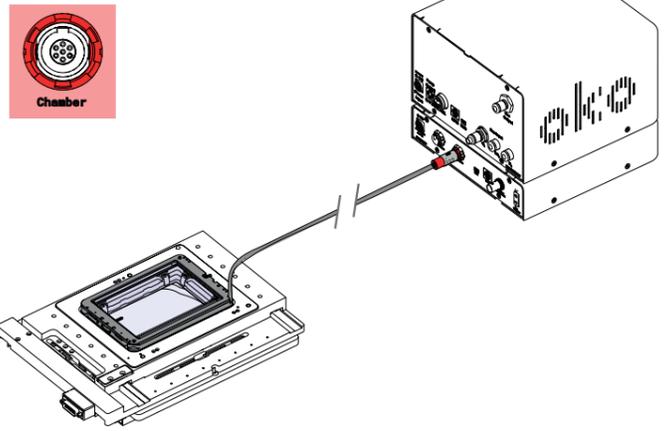
STEP 2 Connect the OKO-TOUCH to the H303-T-UNIT by using the OKO-TOUCH-CABLE.



STEP 3 Install the chamber on the stage.

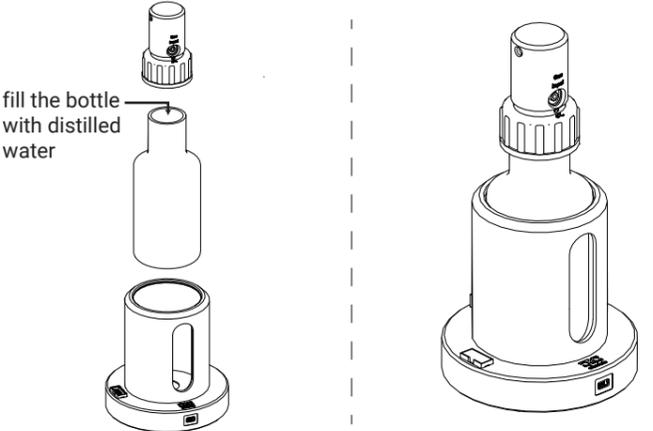


STEP 4 Plug the on-stage chamber connector to the Chamber port on the rear panel of the H303-T-UNIT-BL.

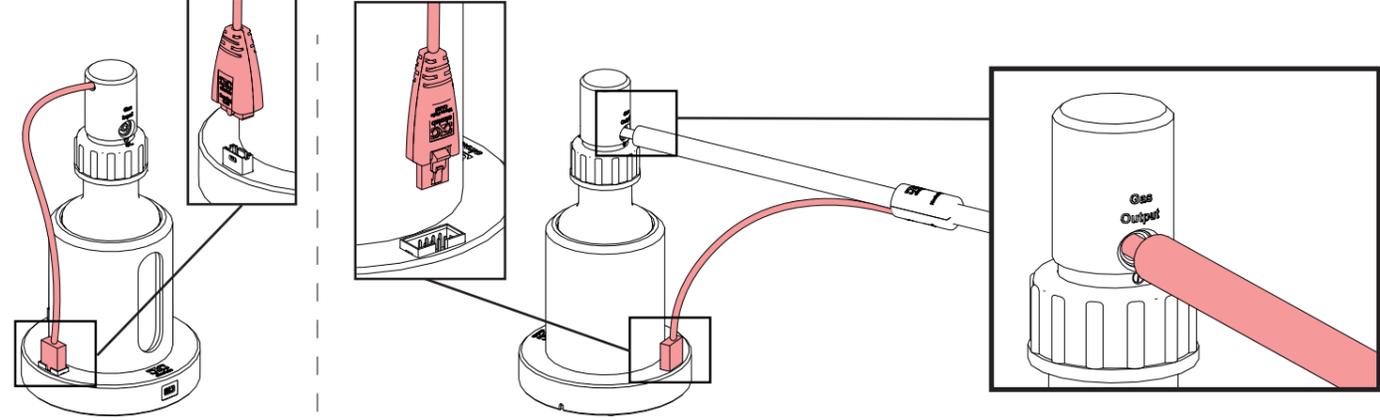


STEP 5 Assemble the HM-ACTIVE-BL3 module as shown in the figure.

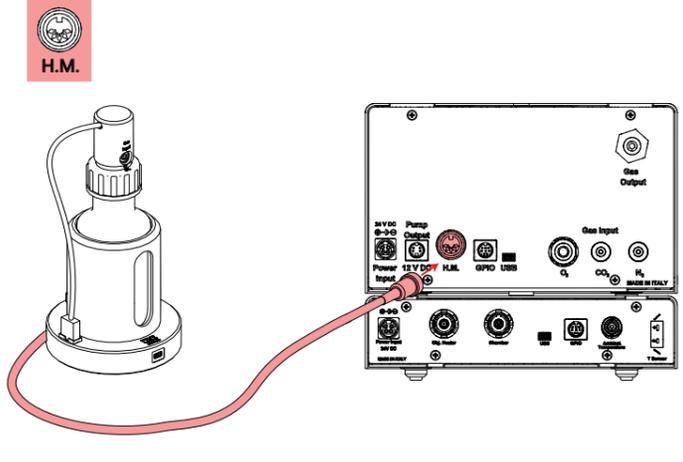
fill the bottle with distilled water



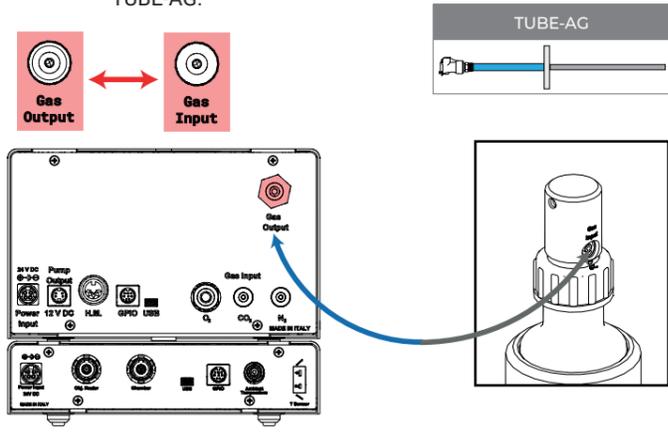
STEP 6 Connect the sensing cell, and the heated tube to the base.



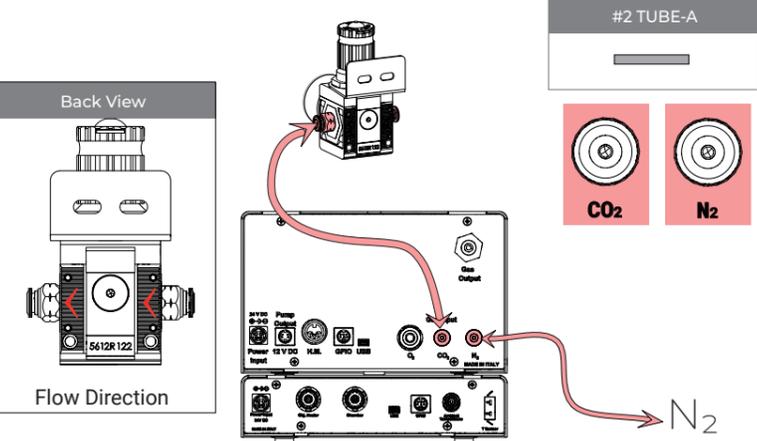
STEP 7 Connect the sensing cell, and the heated tube to the base.



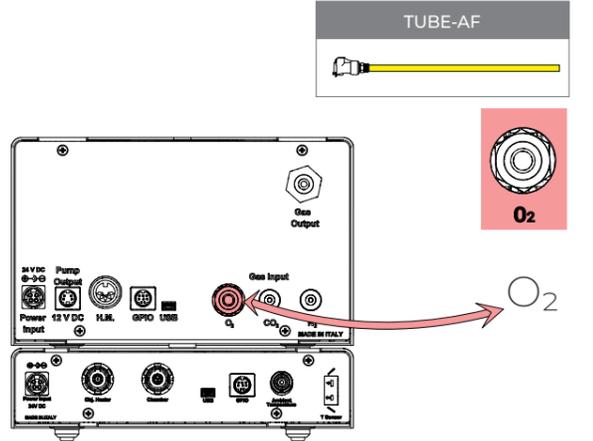
STEP 8 Connect the Gas Output of the CO₂-O₂-UNIT [0-95]-BL3 to the Gas Input of the HM-ACTIVE module by using the TUBE-AG.



STEP 9 Place the GR-4-M along the TUBE-A on the CO₂ gas line. Use the TUBE-A to connect the CO₂ and N₂ line to the Gas Mixer.



STEP 10 Use the TUBE-AG to connect the O₂ line to the Gas Mixer.



STEP 11

Open the CO2 at 3 barg.
Do not exceed 5 barg.

Open the N2 and O2 at 0.8 barg.
Accepted range:
0.6 - 1.0 barg

STEP 12 Regulate the GF-REGULATOR along the CO2 line at 0.8 barg.

Set at 0.8 barg

Accepted range: 0.6 - 1.0 barg

STEP 13 Connect the Heated Tube from the HM-ACTIVE module to the gas input connector of the chamber.

STEP 14 Plug the controllers into a power point.

Power Supply-Temperature Control Unit

STEP 15 Plug the controllers into a power point.

Power Supply-Gas Control Unit

STEP 16 Connect the fine gauge thermocouple to read the temperature inside the sample.

Fine Gauge Thermocouple

Connect the NTC thermistor to read the room temperature.

NTC Thermistor

OPTIONAL Connect the OKO-AIR-PUMP to the Pump Output port on the rear panel of CO2-O2[0-95]-BL3.

OKO-AIR-PUMP-BL optional

NOTE > This step is only for when you're working in CO2 in Air mode. Please refer the user manual for further details.

Pump Output 12 VDC

Close the N2 cylinder and remove the N2 supply tube from the N2 input port on the control unit. Connect the OKO-AIR-PUMP-BL's output to the N2 input port by using the TUBE-B.

MAKE SURE TO FOLLOW THE FLOW DIRECTION

TUBE-B

N2

2. System Start & Quick Usage

TURN THE SYSTEM ON

Turn the system ON by pressing and holding the power button on the OKO-TOUCH.

SET DATE&TIME

Navigate to 'Settings' > 'System' > and click on the 'Date & Time' icon .

CHAMBER SELECTION

Navigate to 'Settings' > 'Temperature' > 'Chamber/Insert' and select the chamber and insert model you're going to use, by clicking on the chamber image. Press Next> to confirm.

In order to select the correct chamber and insert, please verify the Bill.

SETPOINT

Insert the values setpoint by clicking on the corresponding badges.

ALARMS

To set an alarm select the value of Deviation (tolerance) from the set point and the time for which the value must be out of tolerance to send out an alarm.

OVERVIEW PAGE

System Overview