1. Equipment Installation

STEP 1 Install on stack the CO2-UNIT-BL3 on the H3 03-T-UNIT-BL.
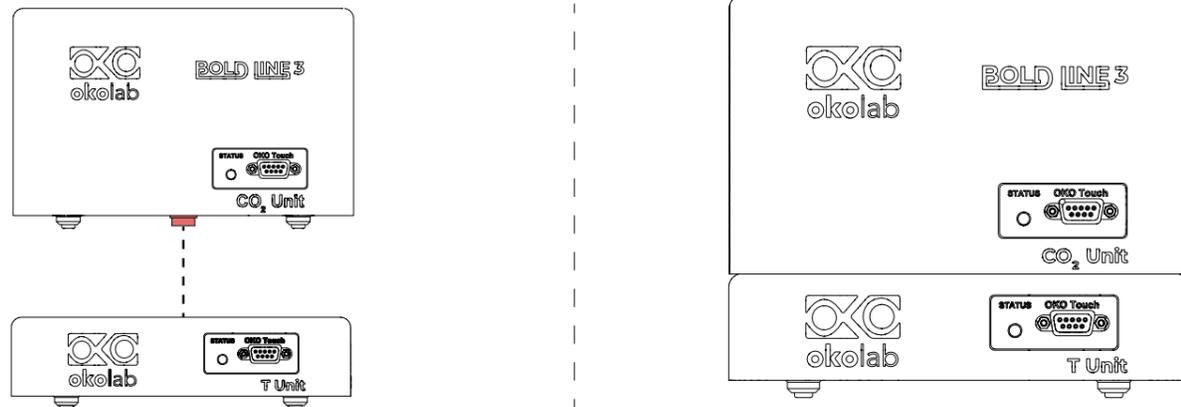
STEP 2 Connect the OKO-TOUCH to the H303-T-UNIT by using the OKO-TOUCH-CABLE.

OKO-TOUCH-CABLE
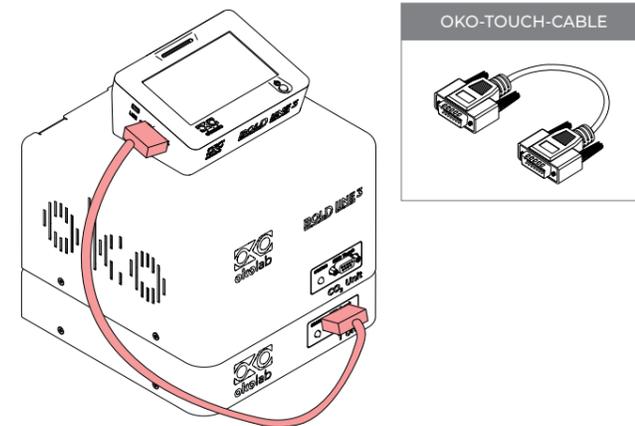
STEP 3 Install the chamber on the stage.
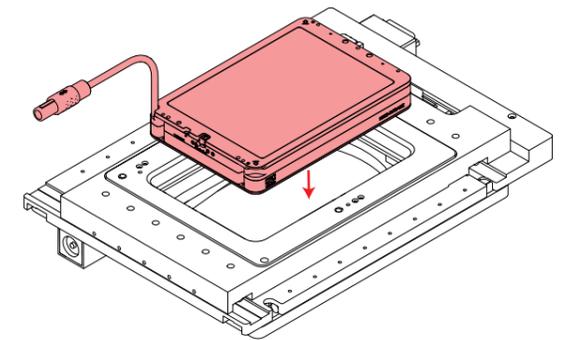
STEP 4 Plug the on-stage chamber connector to the Chamber port on the rear panel of the H303-T-UNIT-BL.

Chamber
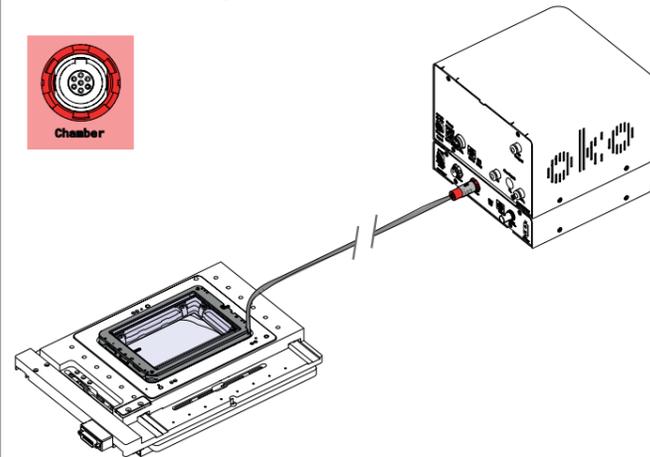
STEP 5 Connect the OKO-AIR-PUMP to the Pump Output port on the rear panel of CO2-UNIT-BL.

Pump Output
12 V DC
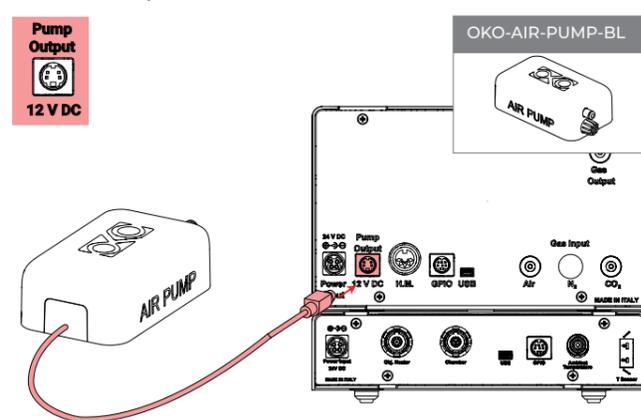
OKO-AIR-PUMP-BL

STEP 6 Connect the OKO-AIR-PUMP-BL to the Air port by using the TUBE-B.

Air

MAKE SURE TO FOLLOW THE FLOW DIRECTION

TUBE-B

PUSH-IN CONNECTOR
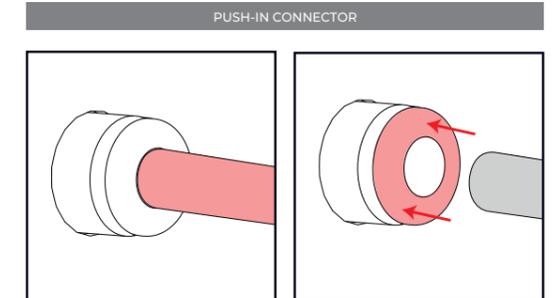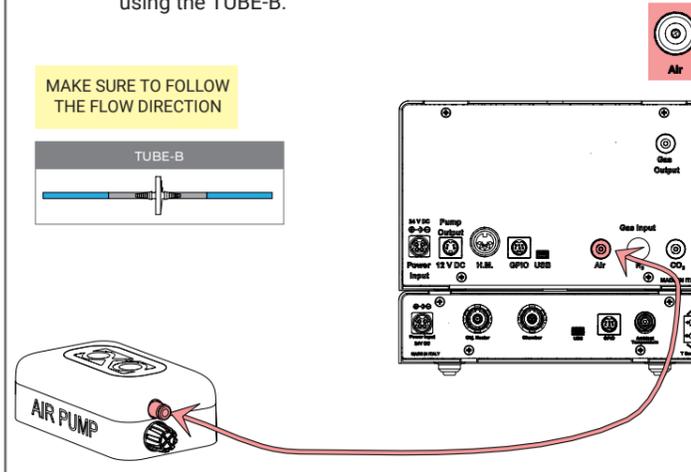
STEP 7 Assemble the HM-ACTIVE-BL3 module as shown in the figure.

fill the bottle with distilled water
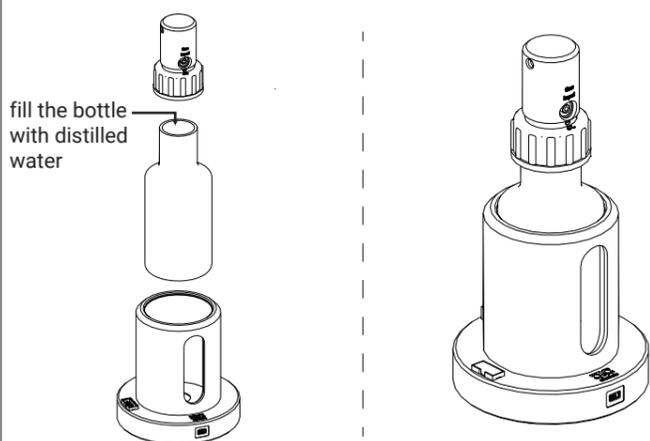
STEP 8 Connect the sensing cell, and the heated tube to the base.
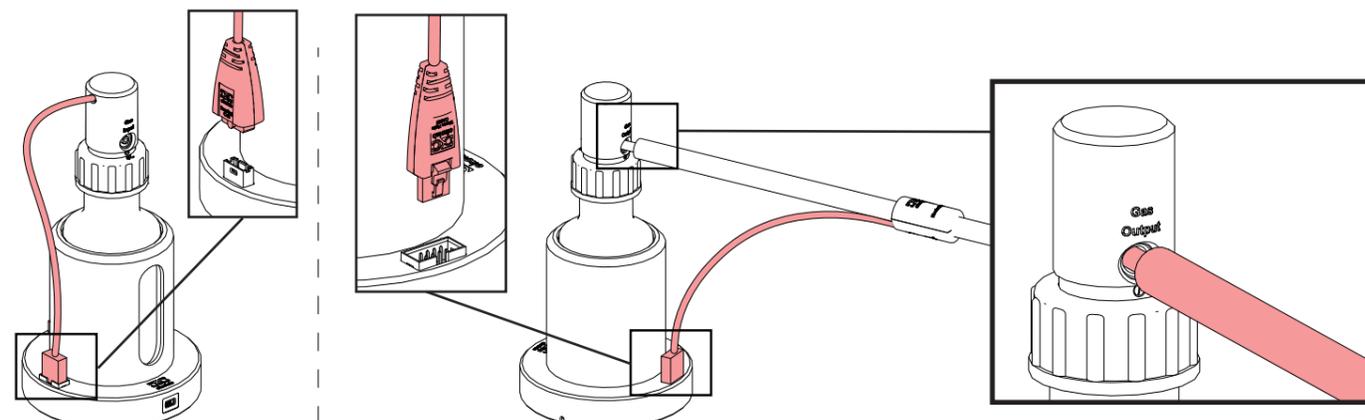
STEP 9 Connect the sensing cell, and the heated tube to the base.
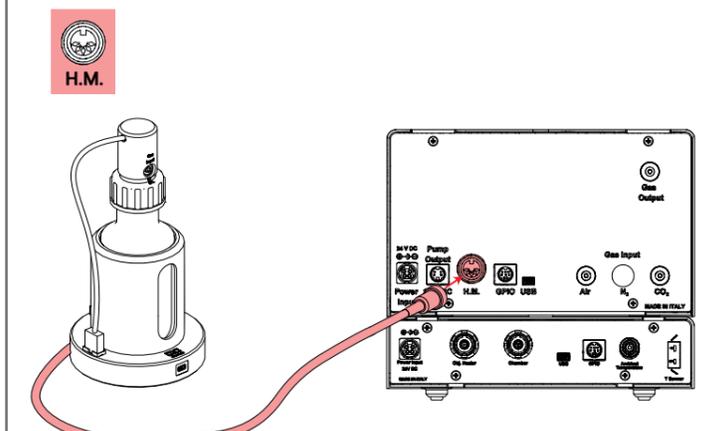
H.M.

| STEP 10 | Connect the Gas Output of the CO2-UNIT-BL3 to the Gas Input of the HM-ACTIVE module by using the TUBE-EY. | STEP 11 | Place the GR-4-M along the TUBE-A. Use the TUBE-A to connect the CO2 line to the Gas Mixer. |

STEP 10 — Connect the Gas Output of the CO2-UNIT-BL3 to the Gas Input of the HM-ACTIVE module by using the TUBE-EY.

TUBE-EY

Gas Output → Gas Input

STEP 11 — Place the GR-4-M along the TUBE-A. Use the TUBE-A to connect the CO2 line to the Gas Mixer.

TUBE-A

Back View

Flow Direction

Gas Output

Gas Input

CO₂

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

CO₂

Regulate the GF-REGULATOR at 1.4 barg.

Set at 1.4 barg

STEP 12 — Connect the Heated Tube from the HM-ACTIVE module to the gas input connector of the chamber.

STEP 13 — Plug the controllers into a power point.

Power Supply-Temperature Control Unit

STEP 14 — Plug the controllers into a power point.

Power Supply-Gas Control Unit

Gas Output

Gas Input

STEP 15 — Connect the TC-F to read the temperature inside the sample.

TC-F TC-EXTENSION CABLE

Connect the TC to read the room temperature.

TC

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 .

Settings   System   Date & Time

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.

Settings   Temperature   Chamber/Insert

Settings::Temp.::Chamber & Insert
press image to modify

Chamber & Insert Wizard :: 1/2
1/7

Chambers:
H303-K-FRAME
H303-Z-PIEZO et al.
Features
CO2-H-IN-CHAMBER-SENSOR
Wireless LID

Insert:
1X35-INSERT

Fits any stages with k-frame insert (160x110mm).

Show image   Cancel   Next >

SETPOINT

Insert the values setpoint by clicking on the corresponding badges.

T:C 37.0
CO2% 5.0
RH% 88

T set point 37.0°C
37   0
Set   Cancel

CO2 set point 1.0 %
5   0
Set   Cancel

RH set point 95 %
95
Set   Cancel

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.

Settings   Alarm   Temperature   Gas   Humidity

OVERVIEW PAGE

System Overview

Overview

Flow 0.40l/min
CO2   5.0%

CO₂ 5.0%   % 95%

Room 23°C

RH 94%

Lid 39.3°C
Base 37.1°C

Insert:
1XGS-INSERT

*The figure shows the system with CO2-H-IN-CHAMBER-SENSOR mounted.