

1. Equipment Installation

STEP 1 Plug the Base Connector to the Base port (Black) on the rear panel of the UNO+.

BASE CONNECTOR

Base

STEP 2 Plug the Lid Connector to the Lid port (Grey) on the rear panel of the UNO+.

LID CONNECTOR

Lid

STEP 3 Assemble the HM module as shown in the figure.

fill the bottle with distilled water

STEP 4 Connect the UNO-TUBE-A from the CO2 Cylinder to the CO2 connector on the back of the UNO-T-H-CO2

PUSH-IN CONNECTOR

UNO-TUBE-A

CO2

STEP 5 Open the CO2 at 1,0 bar. Do not exceed 4 bar.

The CO₂ pressure must be set according to the required set-point value for system operation.

For a set-point corresponding to 5% CO₂, the recommended supply pressure is 1.0 bar.

CO₂ pressure must not exceed 4.0 bar, in order to ensure system integrity and safe operation.

CO₂

STEP 6 Plug the Tube-EY to Gas Output

TUBE-EY

PUSH-IN CONNECTOR

Gas Output

STEP 7 Plug the Tube-EY to Gas Input

TUBE-EY

GAS INPUT

STEP 8 Plug the Heated Tube

HEATED TUBE

GAS OUTPUT

STEP 9 Connect the UNO HM and Hated Tube to the UNO-CABLE-C

UNO-HM CONNECTOR

HEATED TUBE CONNECTOR

UNO-PLUS-CABLE-C

Humidifier Heated Tube Connector

Plug the Humidifier Heated Tube Connector

Humidifier Heated Tube

STEP 10 Plug the Heated Tube from the UNO-HM to the gas input connector of the chamber.

HEATED TUBE

STEP 11 Connect the fine gauge thermocouple to read the temperature inside the sample.

STEP 12 Plug the controllers into a power point.

OPTIONAL

OBJECTIVE HEATER

UNO-CABLE-B

Obj. Heater

2. System Start & Quick Usage

TURN THE SYSTEM ON

Turn the system ON by pressing the power button on the back of UNO+.

ON/OFF

CHECK CONNECTION

At the first start-up all the parameters will be active.

When you first turn on UNO+ all the leds are yellow. The leds will turn green after a while.

NOTE > If there are red leds check that the connections are correct

OBJECTIVE HEATER

If you have not connected the Objective Heater click ON and press yes in the popup that appears

INSERT SELECTION

Click on Chamber in Homepage

Choose PETRI/SLIDES or MULTI-WELL and click save

SET POINT

Click on the Temperature box for the Temperature Setpoint

Click on the CO2 box for the CO2 Setpoint

Click on the Humidity box for the Humidity Setpoint

OPTIONAL If you need to connect the premixed gas, skip steps 4-5-6-7

PREMIXED GAS

P=1 Barg

UNO-PLUS-T-H-PREMIXED-TUBE

If Premixed tube is not available, use a flow regulator to adjust the premixed flow rate to 0.4 l/min.

Plug the Premixed Tube to Gas Input

GAS INPUT

Premixed Gas Setting

Click on the **CO2** box for the CO2 Setpoint

Press the “-” button until “**Premixed**” appears and click on Save.