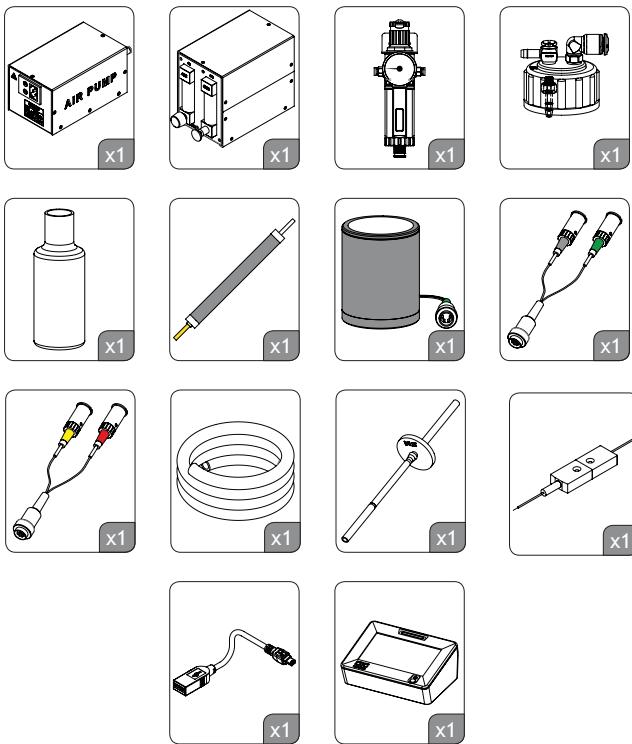


UNO-T-H-CO₂



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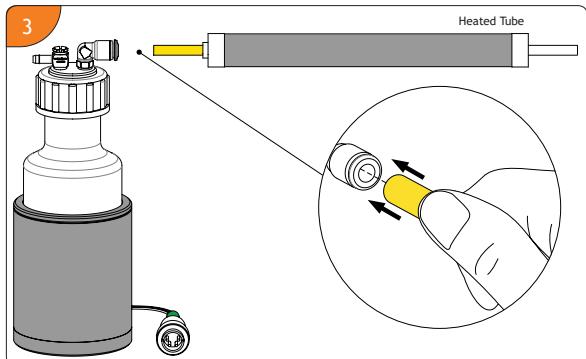
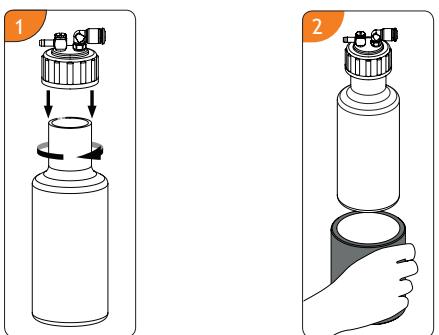
Package Content



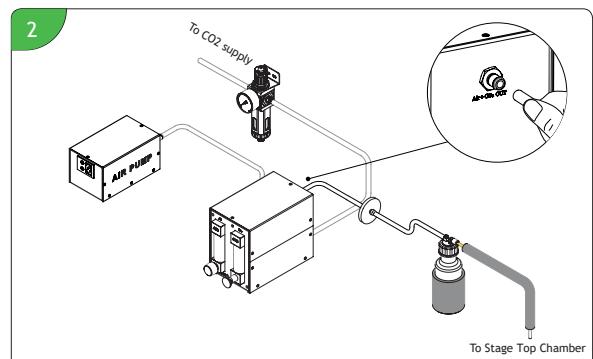
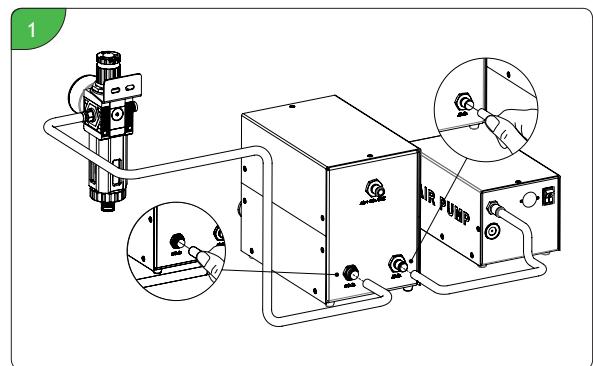
Summary

- 1 Humidifier ~3'
- 2 Gas tubing ~7'
- 3 Heating devices ~4'
- 4 Setting up UNO ~6'

Humidifier

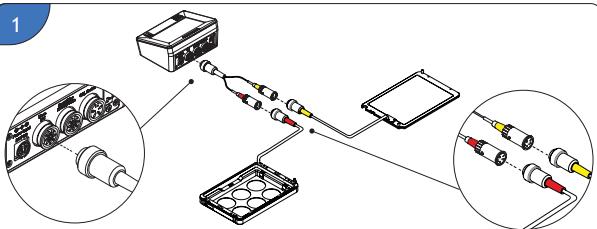


Gas tubing

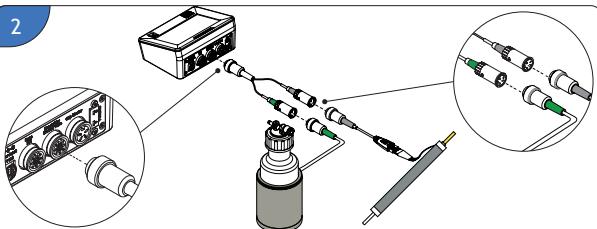


Heating Devices

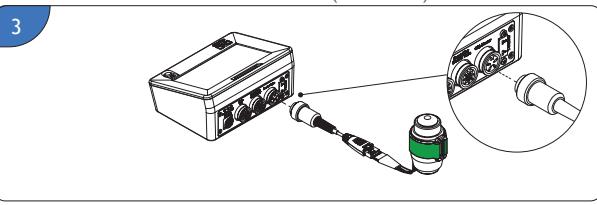
BASE & LID



HUMIDIFIER & HEATED TUBE



OBJECTIVE HEATER (OPTIONAL)



Setting up UNO

Selection of Chamber & Insert

1

• Press 'Settings'
• Press 'Chamber & Insert'
• Select chamber and insert in use, then press 'OK'

Settings :: Chamber & Insert

Settings :: Settings

Settings :: Control Mode

Settings :: Chamber & Insert

Chamber: H301-NIKON-TI-S-ER
Insert: H301-PHOR-H11

OK

Selection of Control Mode

2

• Press 'Settings'
• Press 'Control Mode'
• Select the Control Mode and press 'Save'

Settings :: Control Mode

Settings :: Control Mode

Settings :: Chamber

Chamber

Cancel Save

Settings :: Sample

Sample

Open Incubator Cancel Save

NOTE: 'Chamber' control mode uses sensors embedded in the chamber body. Accuracy +/- 0.3°C from set-point, if room T remains within +/- 0.3°C. 'Sample' control mode requires inserting the provided temperature sensor in a reference well. Accuracy +/- 0.1°C regardless of room temperature.

Setting up UNO

Humidity control set-up

- Check the 'humidity control enabled' box
- Input room temperature
- Press 'Save'

NOTE: it is important to enter the right room temperature. You may check it with the help of the fine gauge thermocouple (green wire)

3

Settings :: Settings

Settings :: Humidity

Humidity control enabled

Room Temperature [C] - 23.0 +

SP 47.8 Offset Cancel Save

00:04

Objective Heater (optional)

- Press 'Enabled'
- Press 'OK'

4

Settings :: Settings

Settings :: Objective Heater

Objective Heater: Enabled

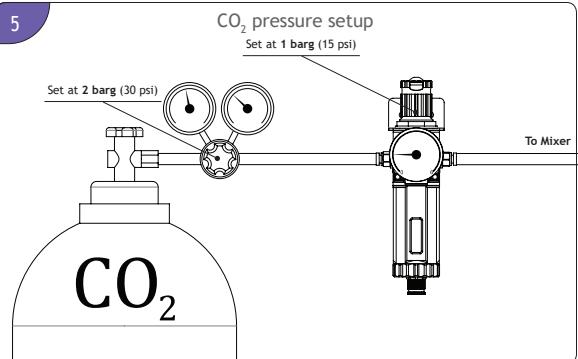
Disabled Enabled

Ramp rate Cancel OK

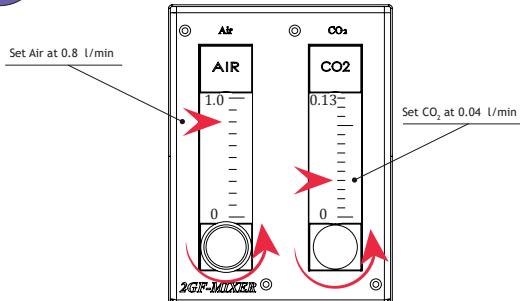
00:03

Setting up UNO

CO_2 pressure setup



To achieve a concentration of 5% CO_2 @ 0.8 l/min



QUICK INSTALLATION & USER GUIDE

Temperature range	From 3°C above ambient to 60°C
Temperature accuracy	± 0.1°C in sample feedback mode ± 0.3°C in chamber feedback mode, if room temperature remains within ± 1°C
Gas Mixer resolution	1 %
Air Pump, outlet pressure	0.3 atm
Humidity efficiency	85% ca.
Controller dimensions	103 x 130 x 59 mm

