Okolab stage top incubator
H301-MINI tutorial
Heated & humidified 5%CO₂

1) Check the H₂O level in the bottle
(if empty fill it with distilled H₂O)

2) Open the Air and CO₂ regulators
(looking to the screen the regulators are on
the left wall at the end of the LSM700 row)
Down = open
Up = close
If an immersion objective will be used, mount around it the objective heater.

1) Remove the holder

2) Select the objective that you will use
3) Bring the objective heater from below the stage (heated orange band+green velcro tape)

4) Place the objective heater around the objective

5) Tighten the velcro

Pay attention to do not entangle the cables if you are switching to other objectives.
1) Install the multiwell plate holder

2) Place the chamber without the gas tube (disconnect the tube if needed)
3) Open the chamber removing the glass lid
   (unscrew the two lateral screws)

4) Place the appropriate insert: 35mm dish or slide
   Match the red dots
5) Install an empty 35mm dish or a glass slide (to empty the hole)

6) Close the chamber putting back the glass lid

7) Connect the gas tube (pass the gas tube behind the condenser turret)
Switch **ON** the control unit

**Switch on** the device by pressing 5 sec the power button
(all the components will start to heat)
Set the appropriate insert

Press:

1) Settings

2) Chamber & Insert

3) Insert icon

4) Select: 1x35-M single (for 35mm dish) or 1xGS-M single (for a slide)

5) Press OK
Objective heater settings

Press:

1) Settings

2) Obj. heater

3) Enable or disable

4) Press OK

!!! Remember to disable the objective heater if not needed!!!
Install the sample

!!! The device should be pre-warmed at least two hours before usage!!!

1) Install the sample in the insert

2) In case you are using an immersion objective, add oil by removing the whole chamber
Switch OFF the control unit 1/2

1) **Switch off** the device by pressing **5 sec** the power button

!!!If you press for less than 5 sec only the display will turn off!!!

2) Press OK
3) Close the Air and CO$_2$ regulators
   (looking to the screen the regulators are on the left wall at the end of the LSM700 row)
   Down = open
   Up = close

4) Remove the sample

5) Disconnect the gas tube

6) Remove the chamber