

PRECAUTIONS:

- Please be cautious with your cultured embryos, considering that during the measurement procedure the composition of the gas in the chamber may be affected.
- Read the manuals for the incubator and LEO 2.0 for usage and safety details.



Evaluate the need for chamber cleaning and disinfection after working on the incubator.



As good practice, it is recommended to have LEO 2.0 charged before use, and not to charge it during use.



Always read the manual of the devices.



If LEO 2.0 shows a message that it's warming up, it is advised to complete the warm up period before using.

STEP 1 If you prefer, set **MIRI** to 37.0°C



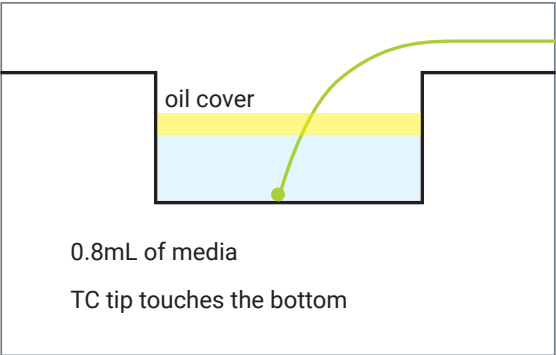
STEP 2 Place **LEO 2.0's temperature probe (T1-MODULE)** inside a 4-well dish prepared with 0.8mL of media covered with oil or a paraffin layer, in the the chamber to be measured. The heat optimization plate must also be used during the measurement.



TECHNICAL NOTE

LEO 2.0 temp measurement in MIRI incubators

STEP 3 Place the cable of **LEO 2.0's** probe so that the tip of the sensor touches the bottom of the dish.

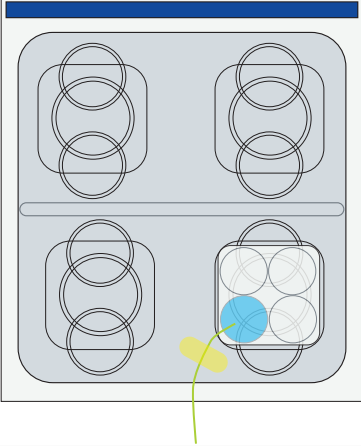


oil cover

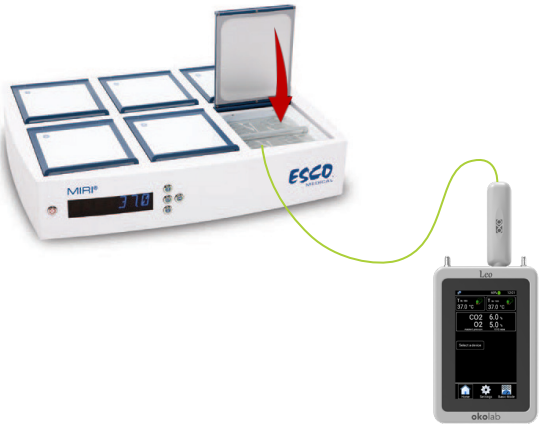
0.8mL of media

TC tip touches the bottom

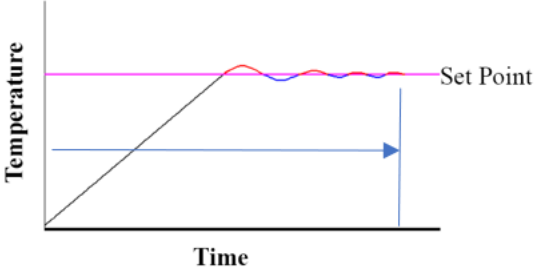
STEP 4 Fix the cable of **LEO 2.0's** probe with adhesive tapes if needed, so it will not move from its position, and put the cover on the dish.



STEP 5 Close the lids of **MIRI**.




STEP 6 Give enough time for **MIRI** and the media to thermally stabilize.



Temperature

Time

Set Point

 If the temperature on **LEO 2.0's** display is stable for a period of 10 minutes, proceed to **Step 7**.

STEP 7 Take the reading from **LEO 2.0**.



Leo

okolab

 Read LEO 2.0 User Manual for details.