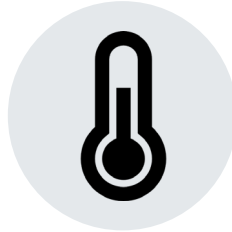


Temperature measurement in MIRI TL incubators.



Scope of the document:

Here, we suggest a method of using **LEO** to measure the temperature in **MIRI TL** incubators.



PRECAUTIONS:

- Please be cautious with your cultured embryos, considering that during the measurement procedure a temperature probe will be inserted into the chamber.
- Read the manuals for the incubator and LEO for usage and safety details.



GENERAL CONSIDERATIONS:



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



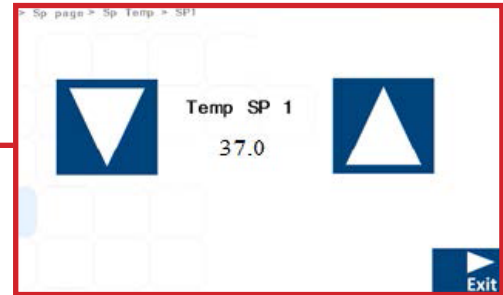
As good practice, it is recommended to have LEO charged before use, and not to charge it during use.



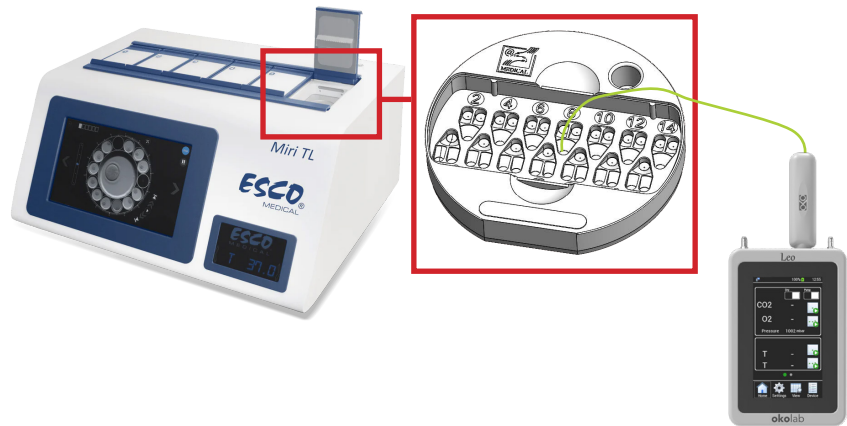
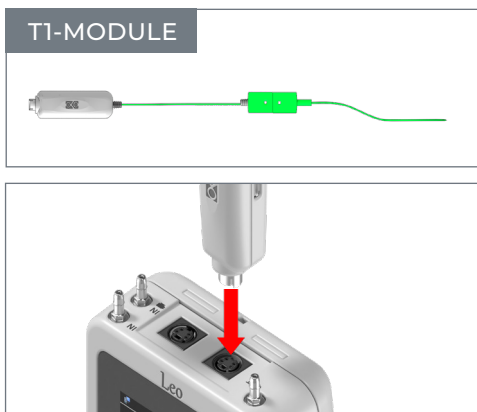
Always read the manual of the devices.

MEASURING PROCEDURE:

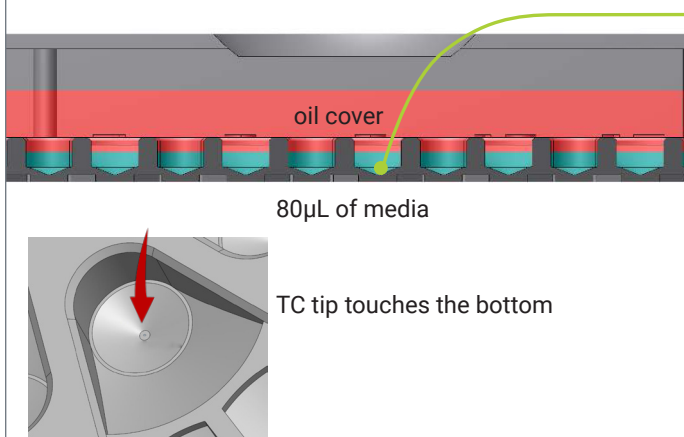
STEP 1 Set **MIRITL** to 37.0°C.



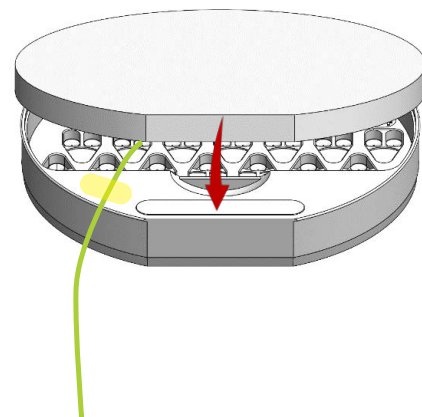
STEP 2 Place **LEO's temperature probe (T1-MODULE)** inside a **Culture Coin® dish** prepared with media, in the chamber to be measured. The Heat optimization plate must also be used during the measurement.



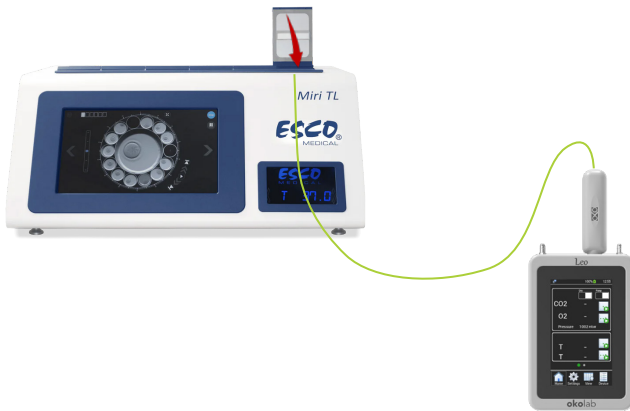
STEP 3 Place the cable of **LEO's probe** so that the tip of the sensor touches the bottom of the dish.



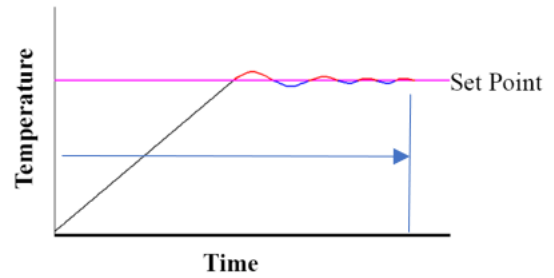
STEP 4 Fix the cable of **LEO's probe** with adhesive tapes if needed, so it will not move from its position, and put the cover on dish.



STEP 5 Close the lid of **MIRI TL**.



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



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

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



STEP 8 Remove **LEO's** temperature probe from **MIRI TL**.

