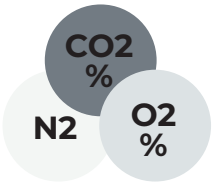
TECHNICAL NOTE

Leo

Gas measurement in MINC-1000 incubators.

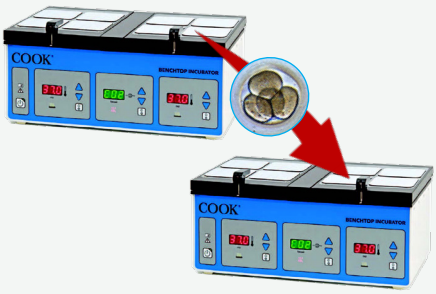


Scope of the document:

Here, we suggest a method of using **LEO** to measure the gas composition in **MINC-1000** incubators.

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 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.

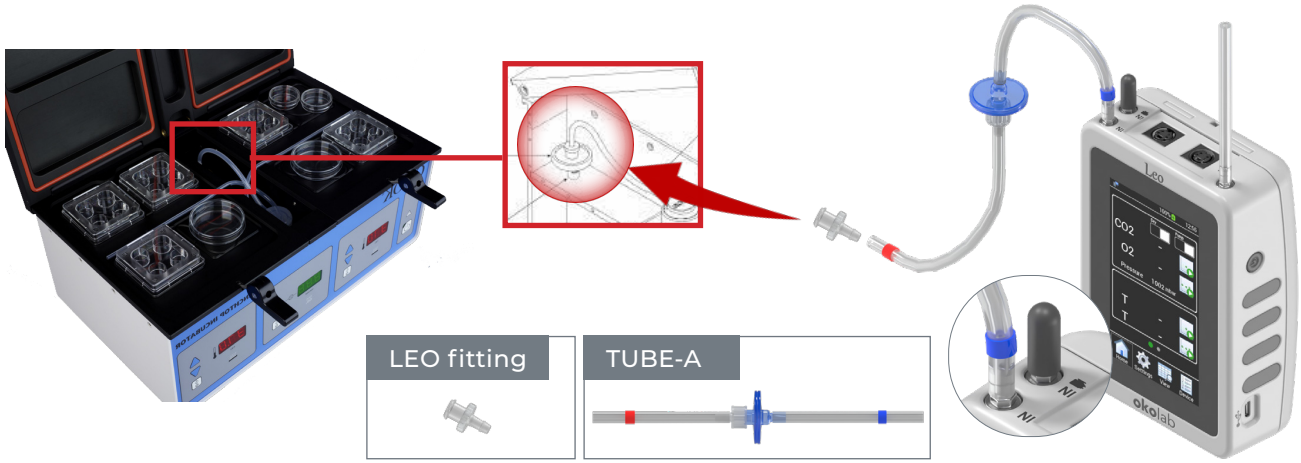
Always read the manual of the devices.

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

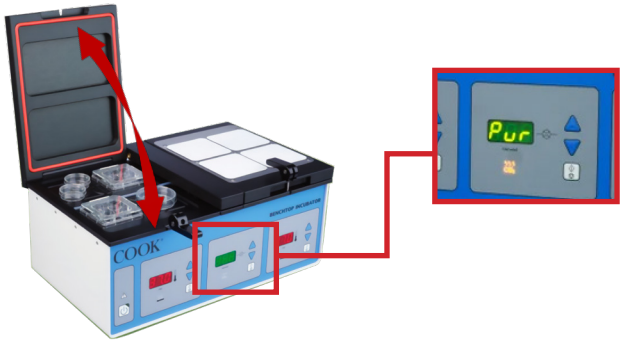
TECHNICAL NOTE
Leo

MEASURING PROCEDURE:

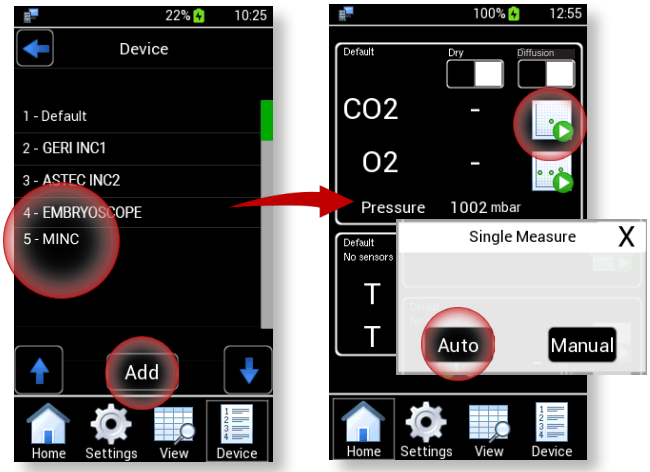
STEP 1 Connect TUBE-A to **LEO**'s **IN** **port** and to **MINC-1000**'s **Luer lock outlet,** in the place of bacterial filter in the humidifier chamber.



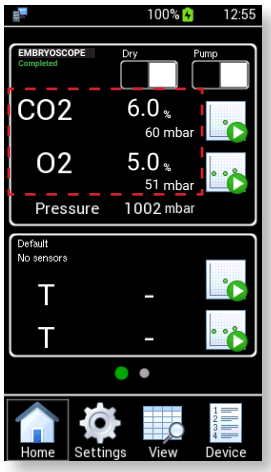
STEP 2 Start on **MINC-1000** a **Purge Mode** cycle by opening and closing one chamber lid.



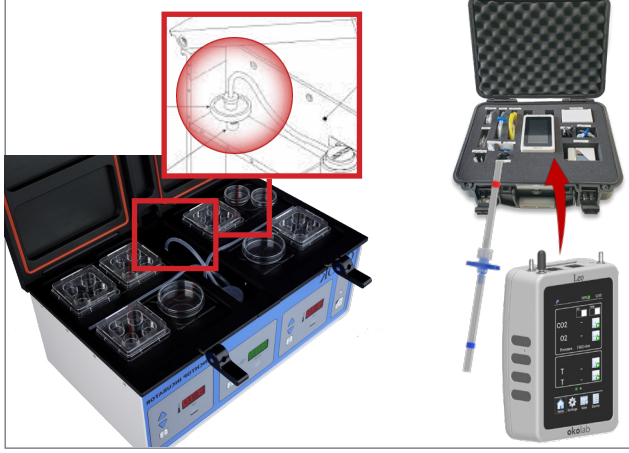
STEP 3 Start a **LEO** single measure in Auto mode measurement during the **MINC-1000** **Purge cycle**.



STEP 4 **LEO** will show and store the measured values at the end of measurement.



STEP 5 **Remove LEO and TUBE-A** and store them. **Reconnect** the **MINC-1000** humidification flask bacterial filter.



DEVICE SETUP IN LEO's DEVICE MENU

The following table shows the suggested measuring parameters for **LEO**.

Device Name	Pump/ Diffusion	Wet / Dry	Measure Duration	Gas Return
MINC1000	Diffusion	Dry	Auto	No