

Tissue Culture Incubator Maintenance

1. Check the bottom pan regularly and fill it with deionized water. Put several drops of SigmaClean water bath treatment (Sigma S-5525).

2. Check the circulation water (if it is low, the indicator will be on). Inject deionized water with 60 ml syringe into the jacket on the top left corner in the front of the incubator behind the door. To do that you need a screw driver to open the jacket.

3. Check the CO₂ pressure.
 - a. Push the top button of the CO₂ meter to zero the meter.
 - b. Connect the connecting tube between the sample outlet at the top of the incubator and the CO₂ meter.
 - c. Squeeze the rubber ball to pump the air sample into the CO₂ meter 18 times and then disconnect the tube from the CO₂ meter.
 - d. Invert the CO₂ meter twice.
 - e. Record the reading.
 - f. Repeat this measurement about an hour later to check again.

4. Check the temperature.