

Test Run on the Xdrop™ Instrument

This guide contains information required to perform a **full Xdrop™ run without inserting any cartridges**. Such run is done to verify full functionality upon instrument receipt, when the **Shock-indicator on the transport box has been activated during shipping**.

1. Take the Xdrop™ out of the transport box.
2. Make sure that the main power button (at the back) is in the off position ("0").
3. Insert the power cable into the Xdrop™ instrument and into an appropriate wall outlet.
4. Turn on the power at the wall outlet and then turn on the main power switch (at the back) to the position "1".
5. Push the round power button at the front of the instrument to power it up.
6. Once pressed, the button light up blue and Samplix Logo will appear on the screen of the instrument. After a short while, the system will write "Pressurizing system..." and a progress indicator will show the buildup of pressure.
7. After pressure build up has been completed, the instrument will change to the "Welcome" screen.
8. Press the "Next" button.
9. Press the "dPCR" button at the screen "Select cartridge type"
10. Instrument will shift to "No channels selected, please select channels". Leave all channels unselected (Channel buttons are still blue) and press run.
11. The instrument screen will change to "Building pre-ramp pressure..." and then again shift to "Ramping up pressure". Three indicators will show progress of the ramp up process.
12. When pressures have been successfully ramped up, the screen will change to "Making your droplets" and the small animation will be displayed. Countdown will start and run time will count down from 39 minutes.
13. Leave the instrument to run for the full duration (39 minutes).
14. After a finalized run, the Instrument will change to the "Your droplets are ready!" screen.
15. Press button "Done" and the instrument will return to the "Welcome" screen.

16. **If you have reached this point without receiving any instrument errors, the instrument has not been significantly damaged during transportation and can be used for droplet production or powered off.**