

CFX96 REAL-TIME PCR DETECTION SYSTEM

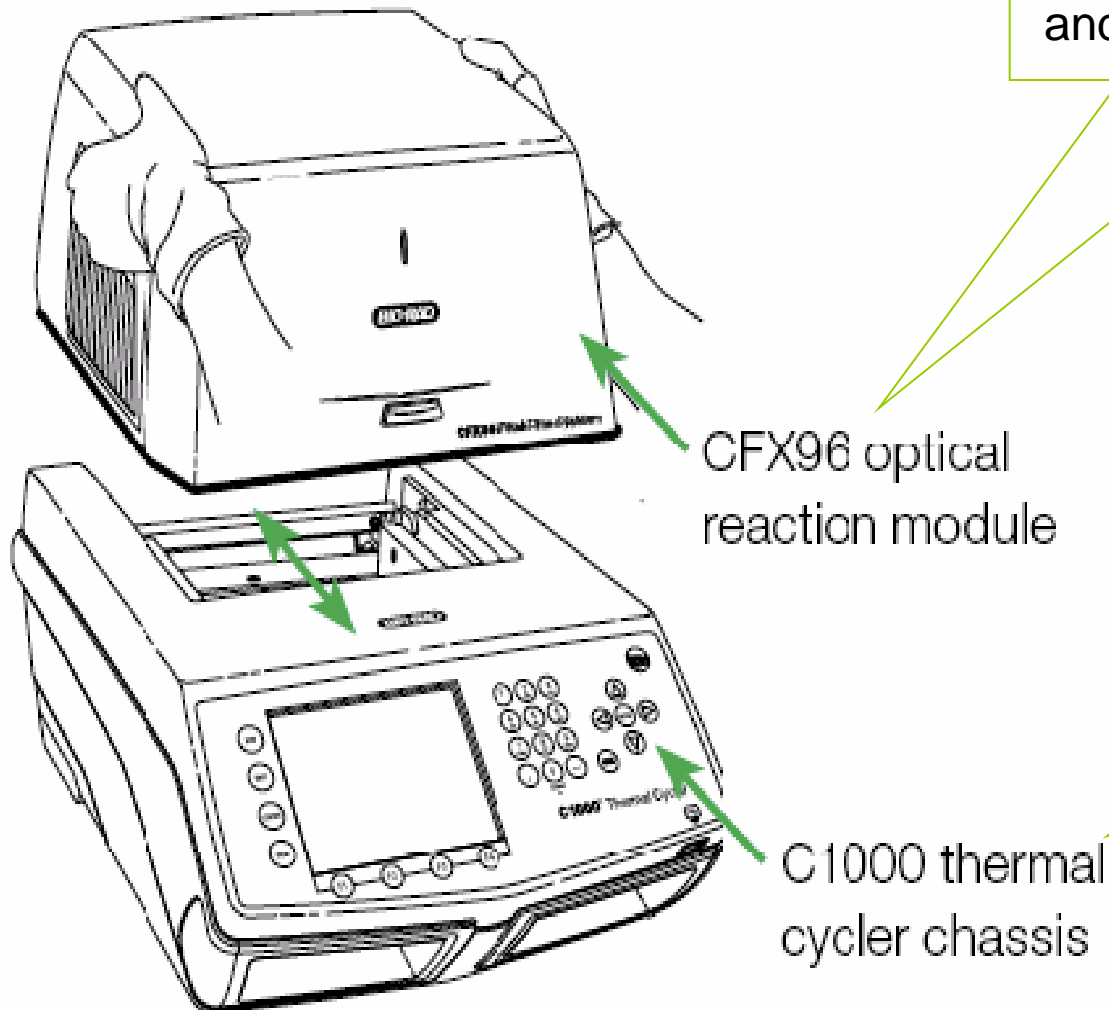
BASIC INSTRUCTIONS FOR USE

**PLEASE,
CONTACT THE SCTPG
TO REGISTER AS A
AUTHORIZED USER!!**

protgenom@sct.udl.cat

973 70 24 77

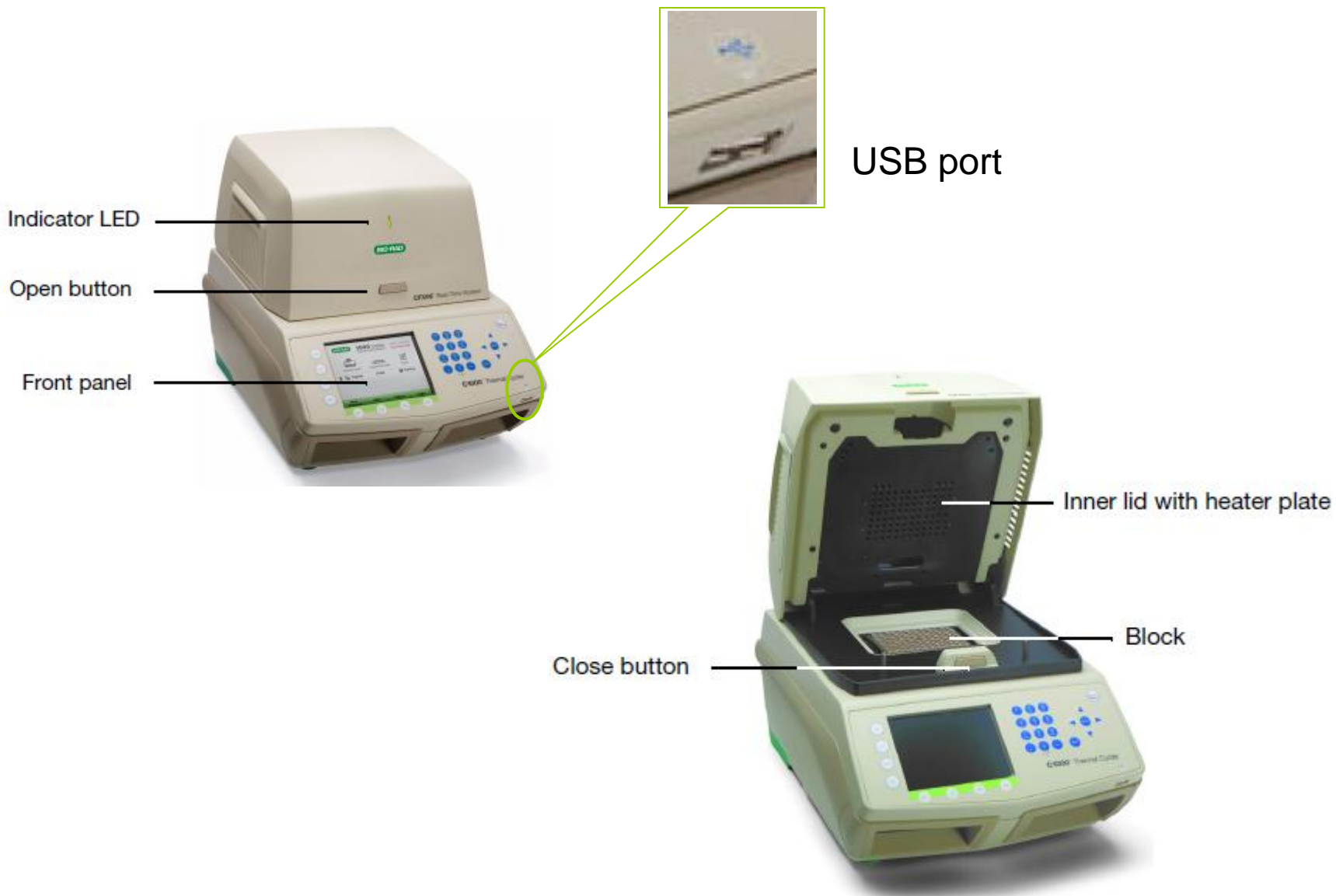
System Overview



Includes the optical system to collect fluorescent data and the thermal cycler block

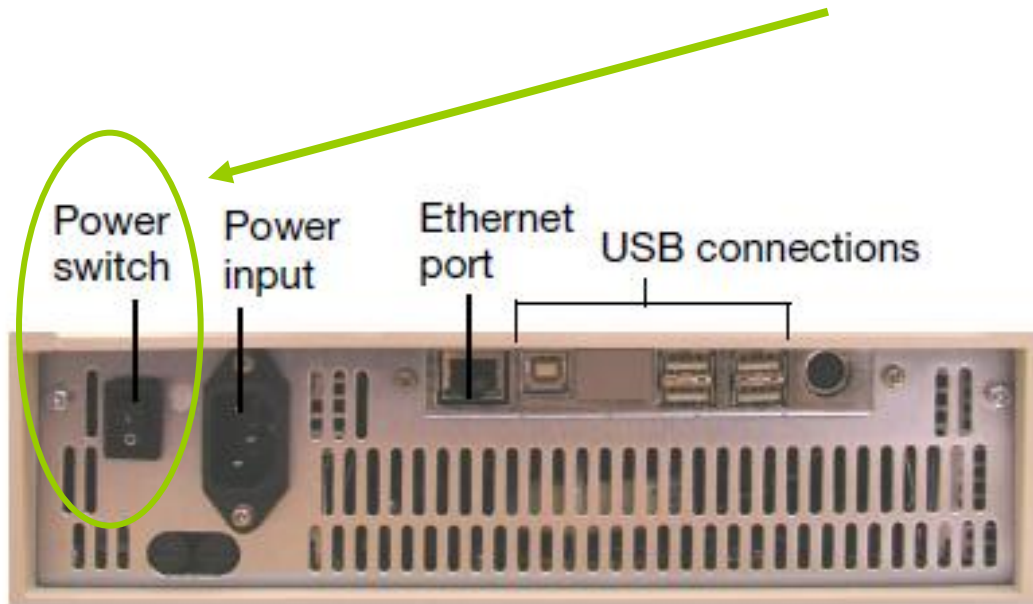
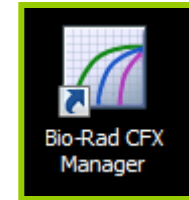
Includes a user interface to control the system in stand-alone mode, the power button, the ports to connect to a computer and an USB port in case the computer doesn't work.

System Overview



Start working in Software-controlled mode

1. The computer must be turned on!!
2. Open the CFX96 manager software by clicking on the icon
3. Turn on the CFX96 system using the **power switch** on the back of the chassis



Log On to the Software

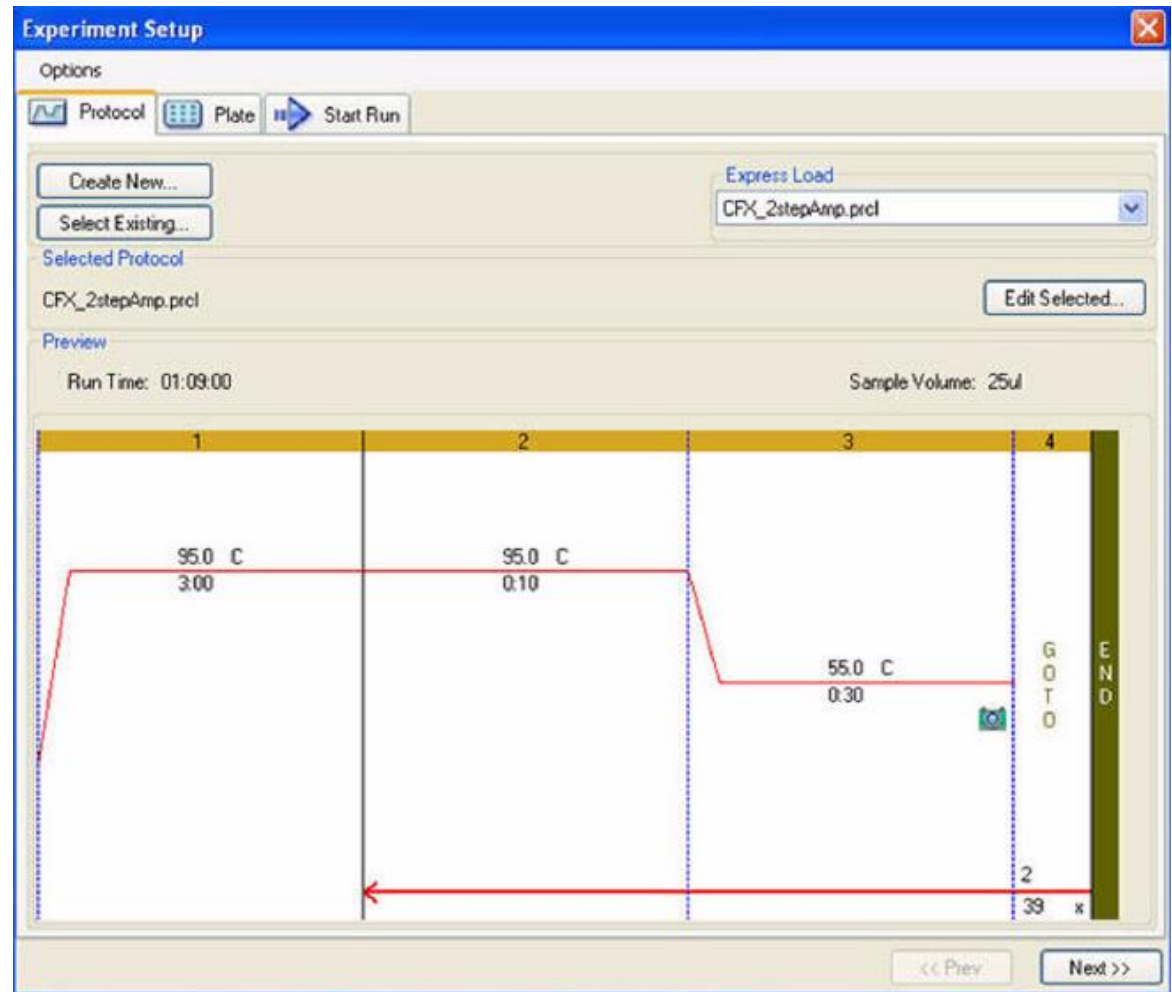
1. Open the Login dialog box, if it is not already open.
2. Select your name from the User Name pull-down list.
3. Click OK to open the software, and close the Login dialog box.



Run an experiment

The **Experiment Setup window** provides quick access to all the files and settings needed to set up and run an experiment through their three tabs:

1. Protocol
1. Plate
1. Start Run



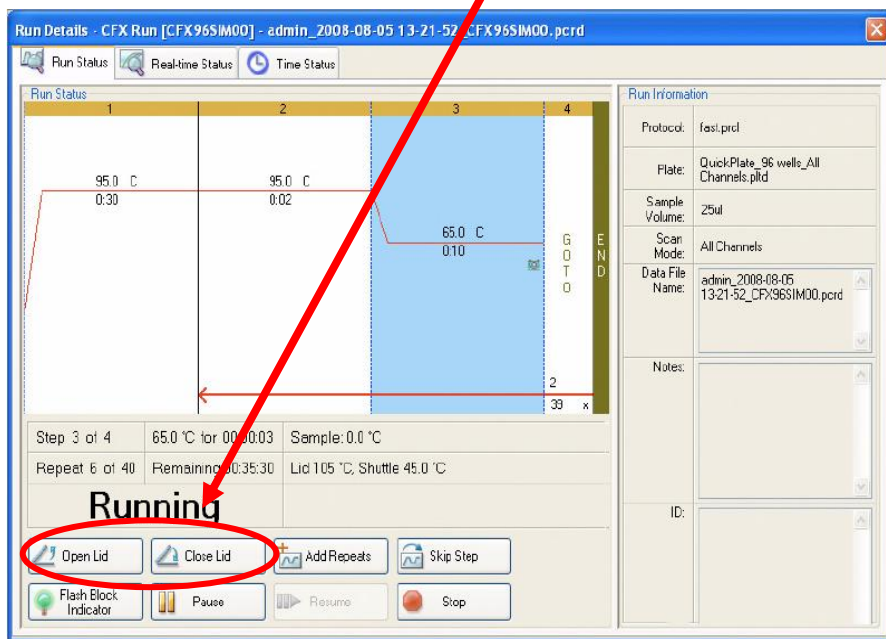
Loading the block

WARNING!!!

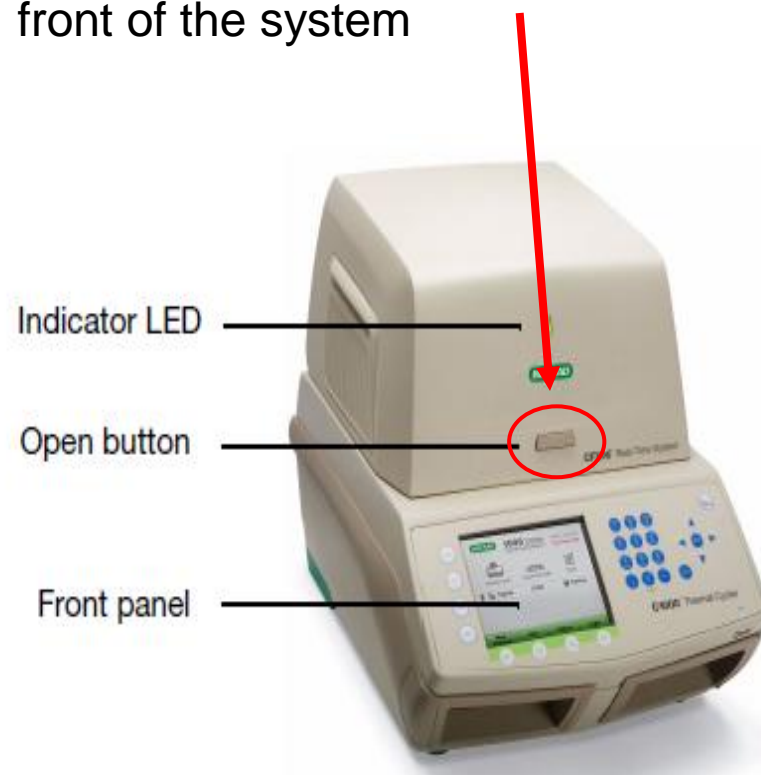
The CFX96 system has a motorized lid so **DON'T MANIPULATE LID BY HANDS!!**
Lid moves slowly at first and then increases speed when it opens or closes.

There are two **options to loading the block**:

1. By clicking the **Open/Close Lid buttons** located on software's Start Run tab

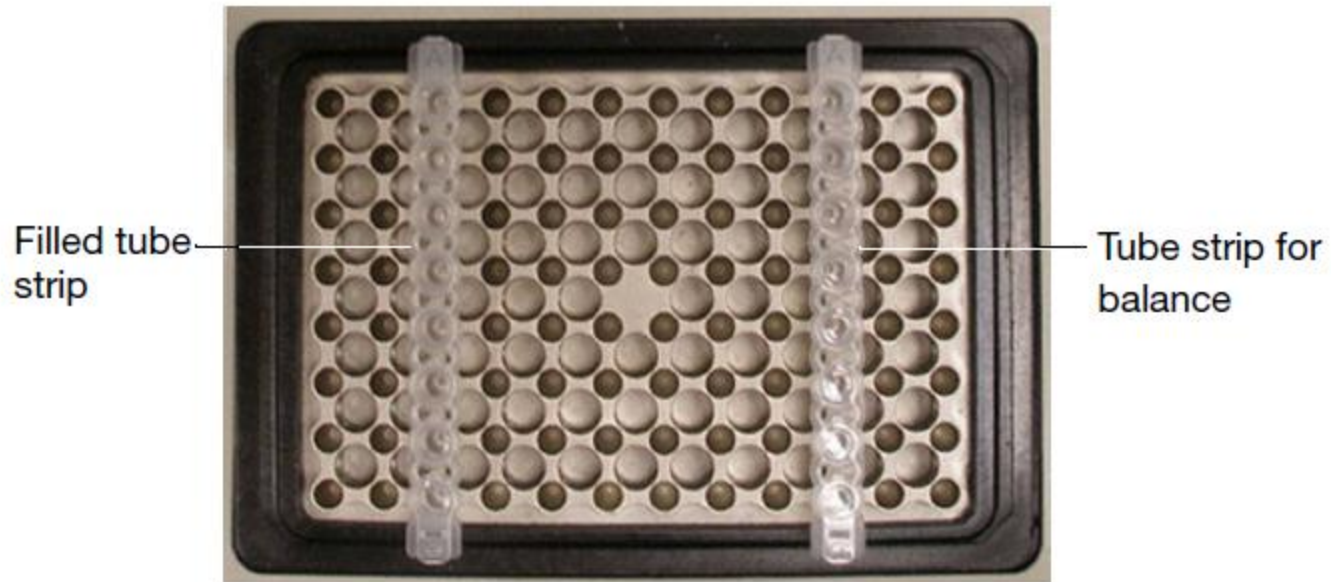


2. By pressing the **lid button** on the front of the system



Loading the block

Always balance the tubes strips or cut microplates in the block



Be sure that nothing is blocking the lid when it closes.

Finalize working in Software-controlled mode

1. Unload the block using the **lid buttons!!**
2. Throw the plate/tubes into the blue container.
3. Switch off the CFX96 system using the power switch on the back of the chassis.
4. Shut down the CFX96 manager software.
5. Leave the computer open!