

Fluidigm® FC1™ Cycler Setup Guide

PN 100-1249 Rev. B1

For more information see the *Fluidigm FC1 Cycler User Guide*, PN 100-1279

1 Unpacking the FC1 Cycler



Safe lifting: The Fluidigm FC1 Cycler is shipped in one cardboard box with a country-specific power cable and weighs 25 lbs (11 kgs). Use proper lifting techniques.

- 1 Open the box near its permanent place in the lab.
- 2 Remove components from plastic wrapping.
- 3 Confirm that FC1 Cycler and power cable are included in the box. (If anything is missing or damaged call Technical Support at 1-866-358-4354 within the US or +1-650-266-6100 outside the US.)



2 Installing the FC1 Cycler



CAUTION! Do not place the FC1 Cycler on a heated surface or near a heat source.

- 1 Place the FC1 Cycler on a laboratory bench top, which must be at least 21 inches (54 cm) deep and 9 inches (22 cm) wide.
- 2 Provide at least 2 inches (5 cm) of clearance behind the controller to allow adequate air circulation.



NOTE: See back page for dimensions diagram.

3 Connecting the Power Cable

- 1 Connect the power cable to the FC1 Cycler.
- 2 Plug in the FC1 Cycler to an electrical outlet that provides single-phase AC voltage, between 100 and 240 volts (50 or 60 Hz).



IMPORTANT The current draw is 2.5 amps at 100 volts; 2.0 amps at 115 volts or 1.1 amps at 240 volts.



IMPORTANT If your local power supply is subject to frequent power interruptions, you may protect your chip runs on the FC1 Cycler by using an uninterruptible power supply (UPS). For details, refer to the *Fluidigm FC1 Cycler User Guide*, PN 100-1279.



4 Powering On the FC1 Cycler

- 1 If you are using a power strip, turn it ON.
- 2 Press the switch at the back of the FC1 Cycler to the ON position.
- 3 Wait while the FC1 Cycler initializes.



NOTE: Initialization may take up to 1 minute to complete. After the FC1 Cycler initializes, the Start screen is displayed.

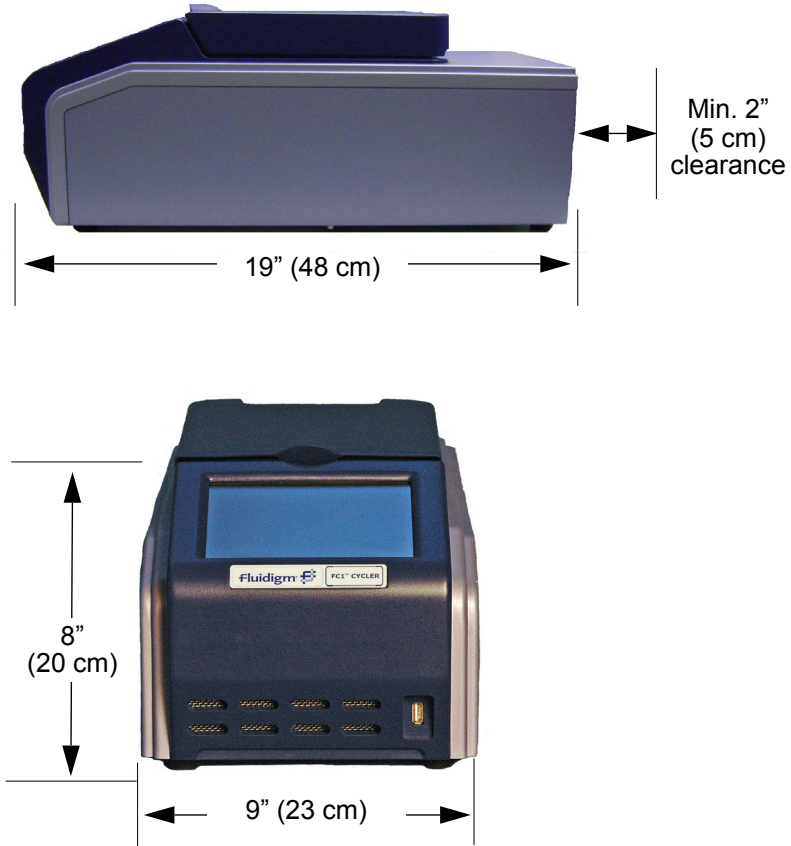


NOTE: The FC1 Cycler uses a touch-screen interface, therefore all interactions with the application occur by touching the screen.





Dimensions of the FC1 Cycler



Technical Support

TELEPHONE

Within the United States: 1-866-358-4354
Outside the United States: 1-650-266-6100

EMAIL

techsupport@fluidigm.com

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