

Fluidigm® IFC Controller Setup Guide

PN 68000117 Rev C

For more information see the *Fluidigm IFC Controller User Guide, PN 68000112* or the *TOPAZ IFC Controller User Guide 68000134*

1 Unpacking the IFC Controller

WARNING! Lifting Hazard ! The Fluidigm IFC Controller is shipped in one cardboard box that also contains a power cable and cleaning plates; together they weigh 55 lbs (25 kgs). Use proper lifting techniques. We recommend using at least two people to lift the Controller from the box.

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



2 Installing the IFC Controller

CAUTION! Do not place the IFC Controller on a heated surface or directly above a heat source.

- 1 Place the IFC Controller on a laboratory bench top, which must be at least 21 inches (54 cm) deep and 10 inches (25 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.

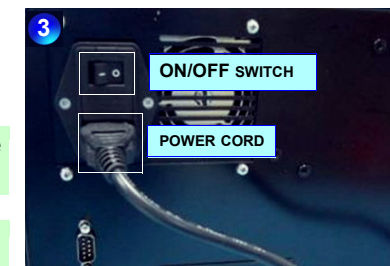


3 Connecting the Power Cable

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

IMPORTANT The current requirement is 2.7 amps at 115 volts. If you are not operating in the US, Fluidigm provides a country-specific power cord.

IMPORTANT If your local power supply is subject to frequent power interruptions, you may protect your chip runs on the IFC Controller by using an uninterruptible power supply (ups). For details, refer to the *Fluidigm IFC Controller User Guide, PN 68000112* or the *TOPAZ® IFC Controller User Guide, PN 68000134*.



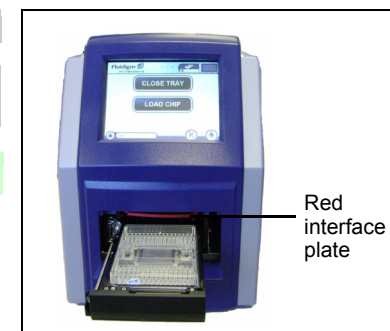
4 Powering On the IFC Controller

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

NOTE: Initialization may take up to 5 minutes to complete.

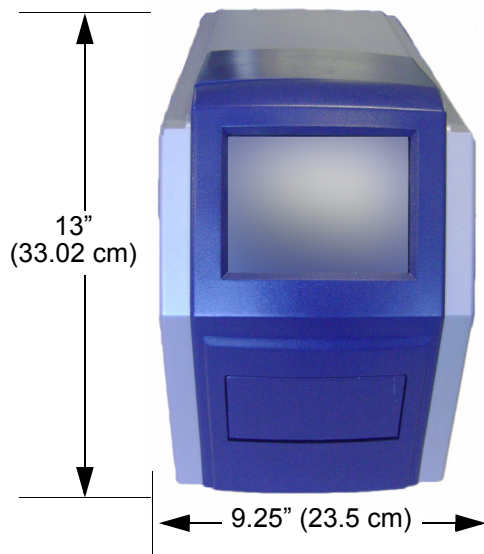
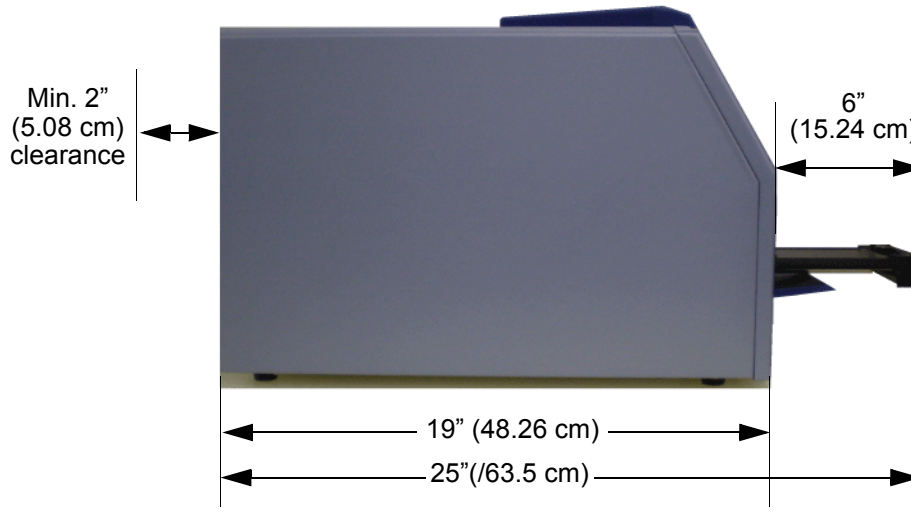
NOTE: The IFC Controller uses a touch-screen interface, therefore all interactions with the application occur by touching the screen.

IMPORTANT If prompted, ensure that the interface plate is seated properly.





Dimensions of the IFC Controller



Technical Support

TELEPHONE

Within the United States: 1-866-358-4354
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