

Introduction to the CFX Connect

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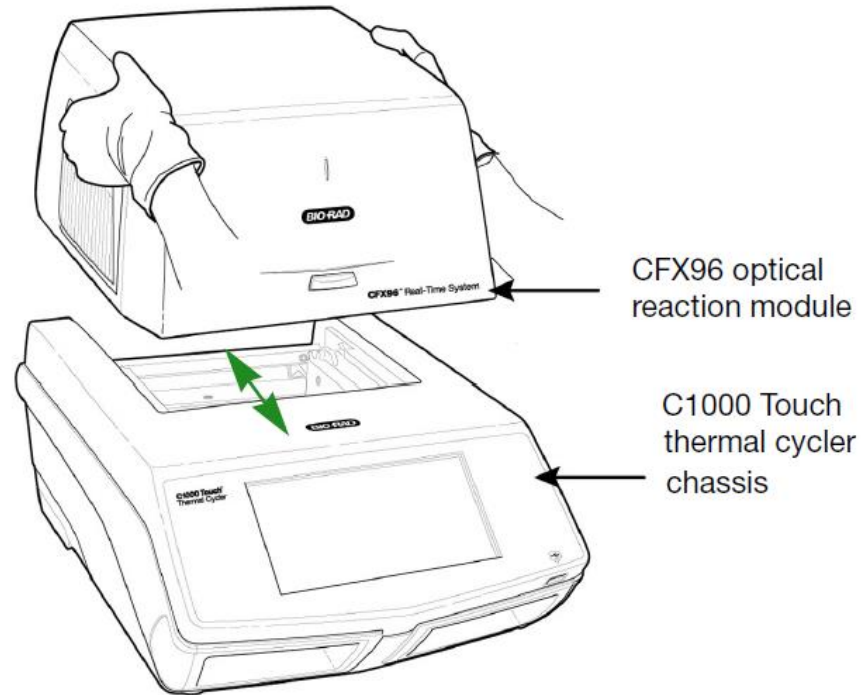
September, 2021

System Overview



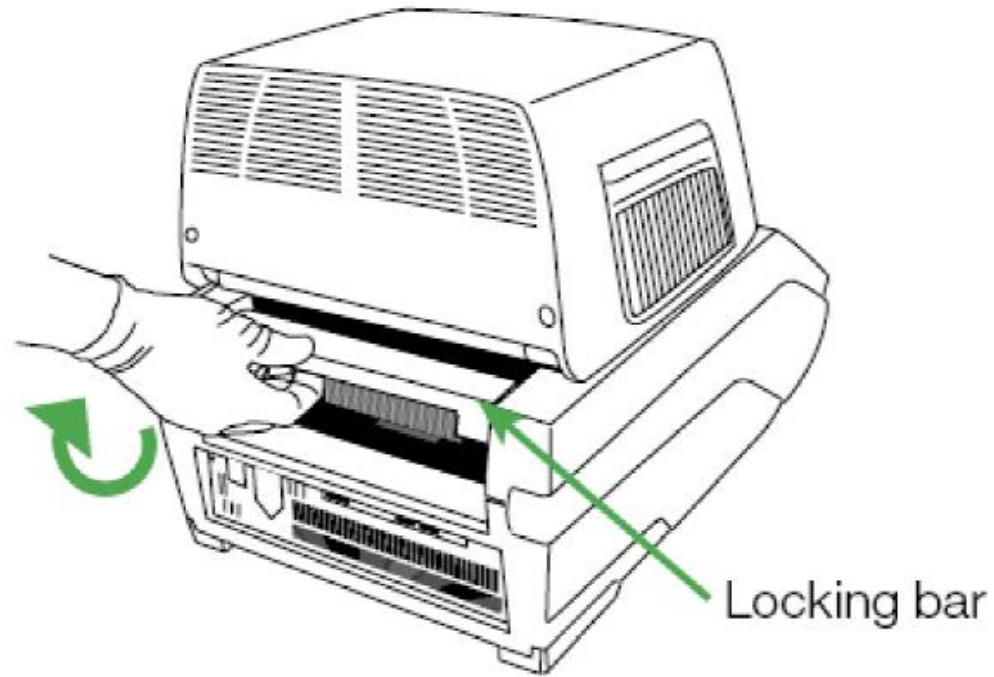
1. Optical reaction module
2. C1000 Touch or CFX Connect Base

Assembly of CFX System



- Lift module with two hands using handle indents above air vents.
- Lower module into chassis of the thermocycler base.

Assembly of CFX System



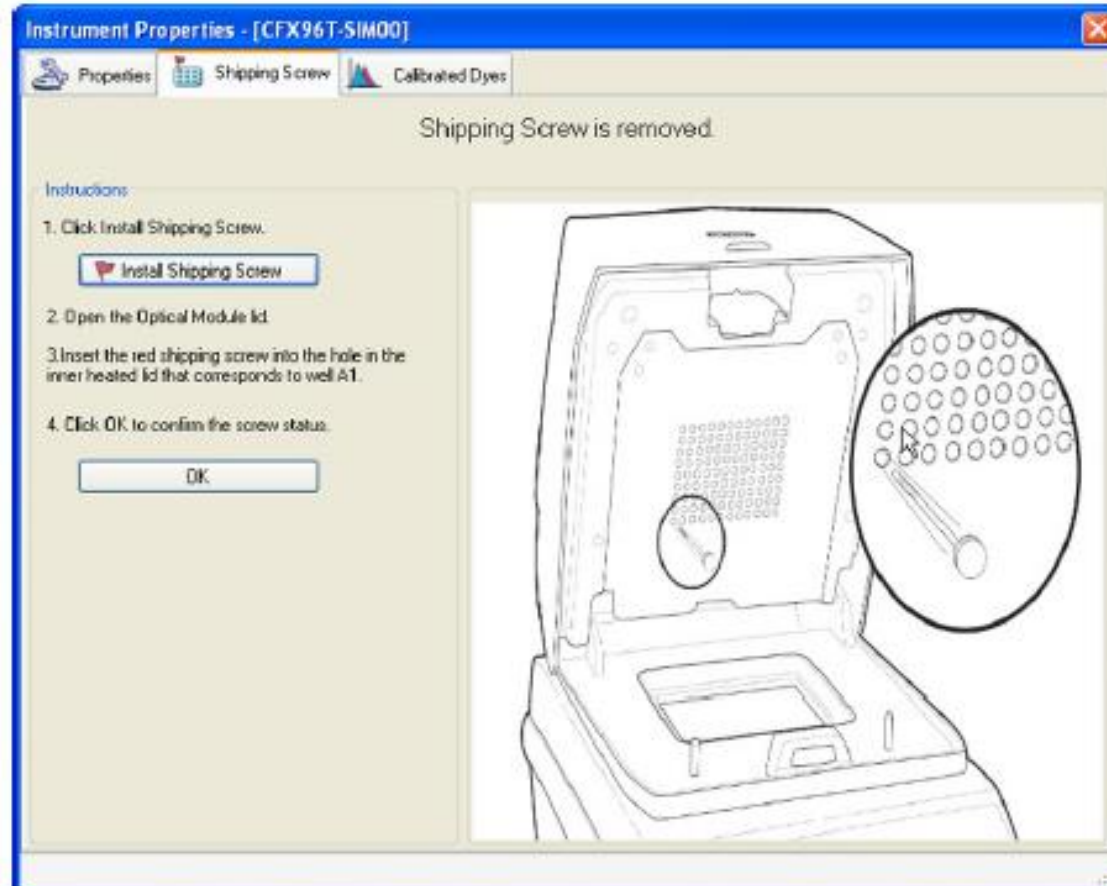
Lift up locking bar in the back of the base. This will slide the module forward, locking it into place.

Opening and Closing CFX Lid



Push to open lid

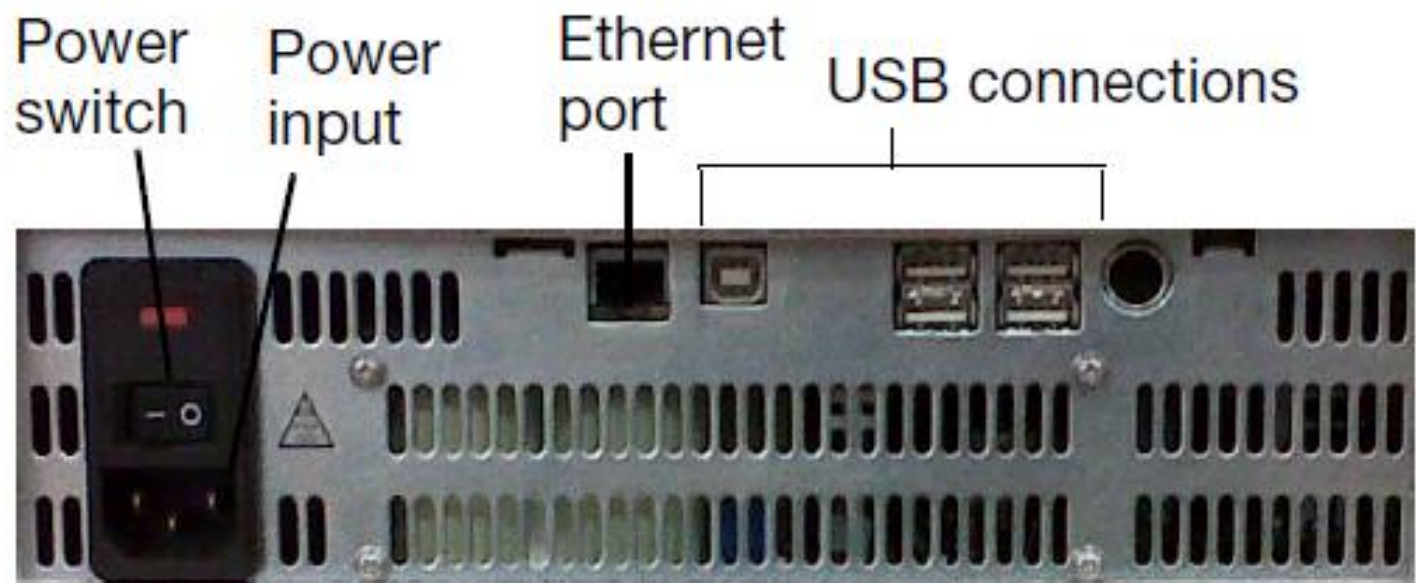
Shipping Screw Removal



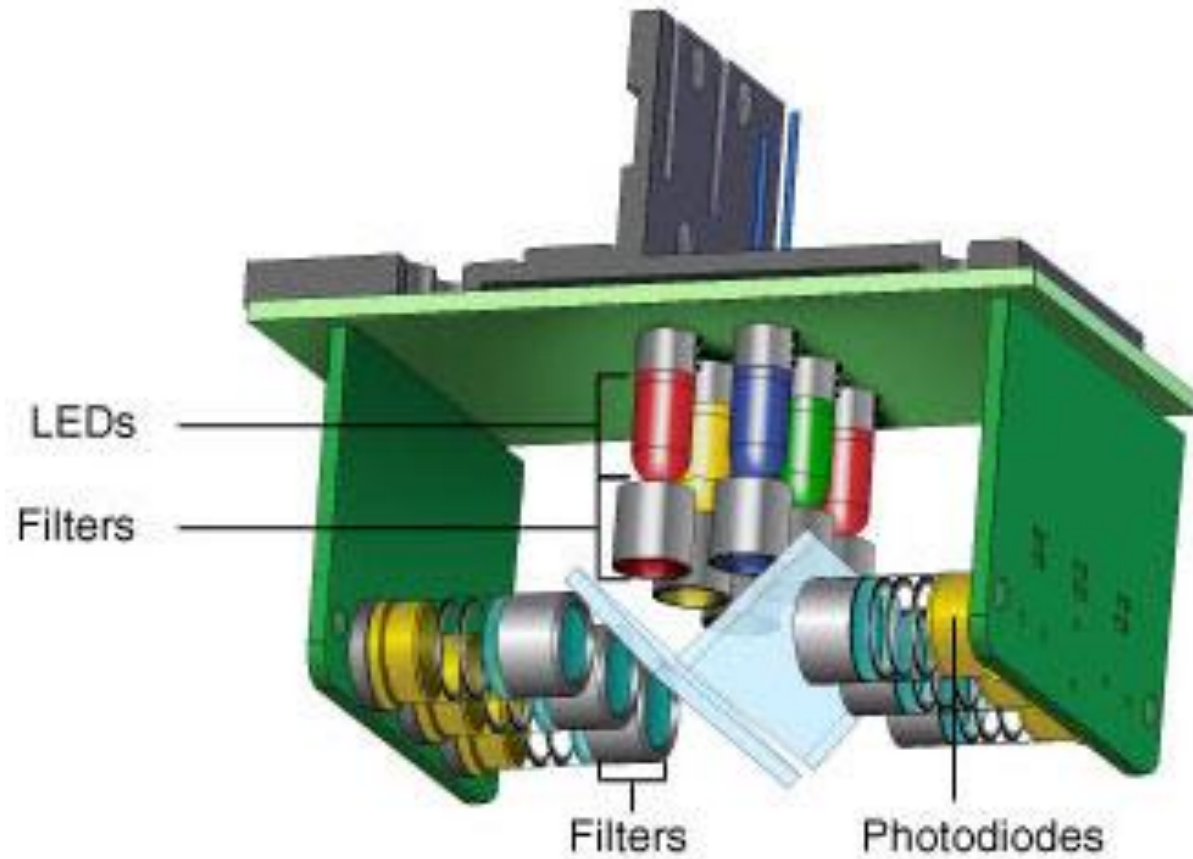
System Overview



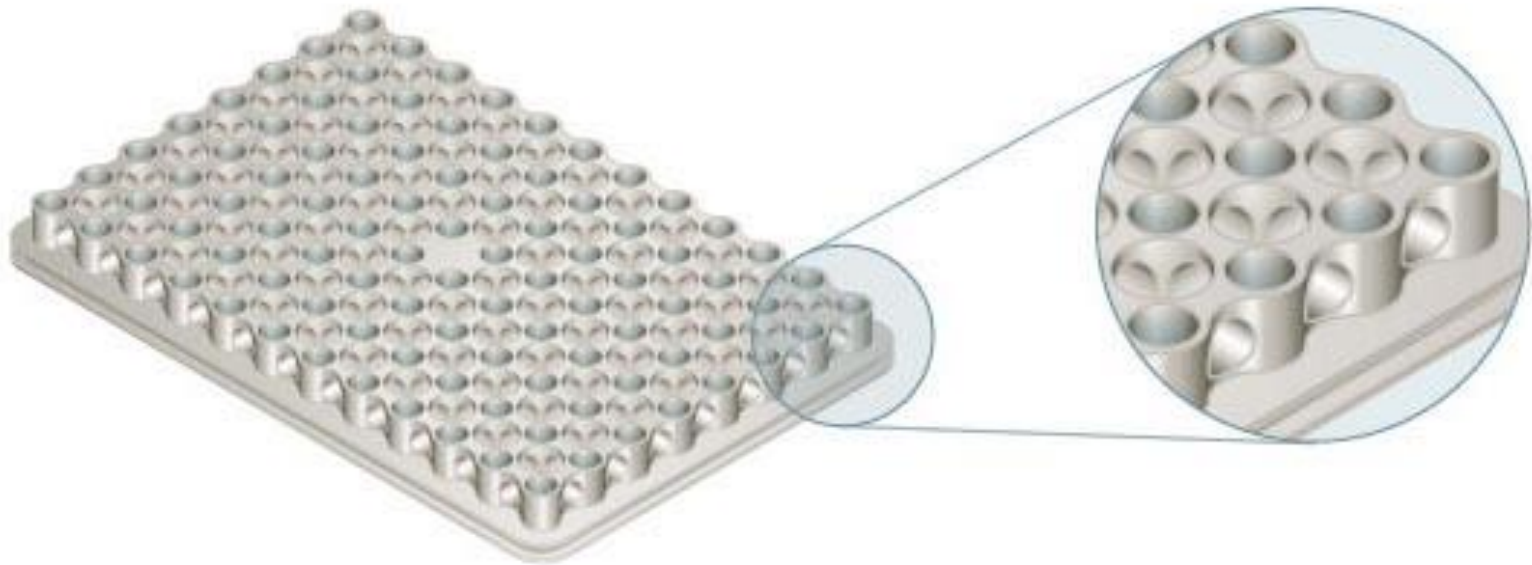
Back Panel



Optical Shuttle



Honeycomb Block Design



Avoid Fluorescent Contamination



← Top: Seal plate well

← Bottom: Place plate on clean surfaces

Key Hardware Features

Energy efficient – Instrument can be left ON for long periods of time.

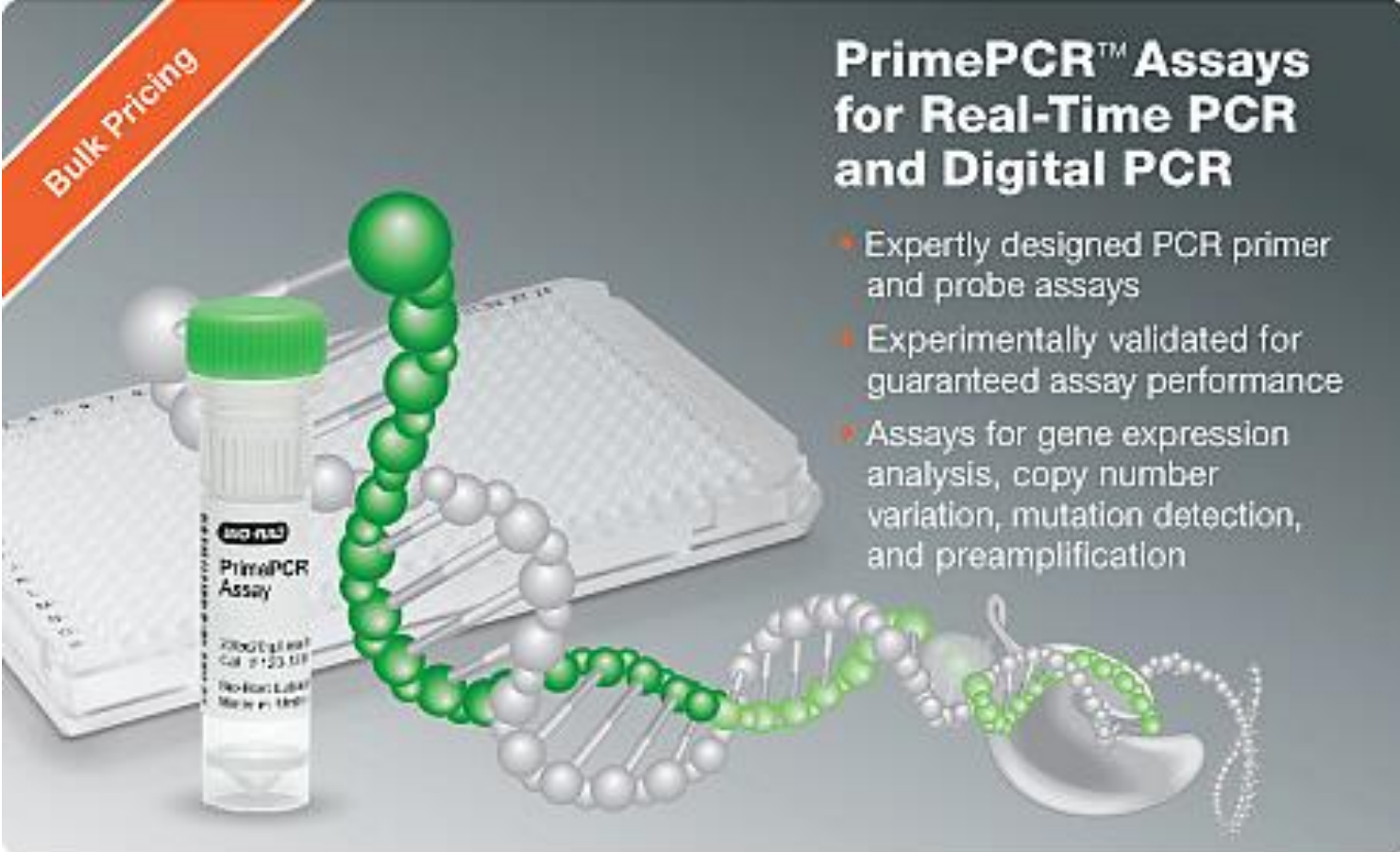
Factory-calibrated – Filtered LEDs, no need for calibration, ROX/fluorescein



Can run dependent or independent of a computer

Data file stored on hardware of instrument

Validated Gene Expression Assays




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The image features a central illustration of a DNA double helix with one strand highlighted in green. To the left is a small vial labeled 'PrimePCR Assay' and a multi-well plate. The background is a dark grey gradient.

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iTaq Universal Probes Supermix
SsoAdvanced Universal Inhibitor-Tolerant SYBR® Green Supermix
Precision Melt Supermix
SsoFast™ EvaGreen® Supermix
iQ™ SYBR® Green Supermix

iQ Supermix
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