

## QUANT STUDIO INSTRUMENT SETUP

### Section 1

### Unpack the QuantStudio Instrument

First, remove the box with the laptop and cords as well as potential other material which you have ordered from the pallet. Then open the QuantStudio box from the side as shown in the following pictures.



Press the two bars in the lock firmly together and pull the inner part of the white cap upwards. This will open the lock. Then fully remove the white cap. Proceed with all caps. Once all four caps are removed, you can lift the hood of the box from the pallet and have easy access to the thermocycler and other material.

### Section 2

### Check Contents of the QuantStudio Box Package

The package should include the following items, please check if it is complete:

- Laptop with supplies
  - Power cable with plug for Germany/EU
  - Power cable with plug for US
  - Power adapter for laptop
  - Computer mouse
  - Mousepad
  - Document "Read Me First" from Thermo Fisher
  - Document "AB Instrument & Application Computer System" from Thermo Fisher
  - USB C to A 3.0 female adapter
  - USB Stick Windows 10
  - Kensington lock
  - Product info sheet
  - USB 3.0 to gigabit ethernet adapter (NOT included with QS1)

## TECHNICAL PAPER #02

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- QuantStudio Instrument with supplies
  - Power cord for QuantStudio
  - LAN cable (blue)
  - 2 packs with 2 x 8 PCR tubes strips 200 µl each, needed as a frame in PCR runs
  - Empty 96 wells tray needed for PCR setup

### Section 3

## Connect the QuantStudio and the Laptop

Using the blue LAN cable, connect the QuantStudio with the laptop which was delivered together with the thermocycler instrument.



Plug in both the QuantStudio and the Laptop with the corresponding power cords.

### Section 4

## QuantStudio Instrument Setup

Refer to separate Technical Papers to learn how to set up a QuantStudio thermocycler and about the use of the plus-minus software.