

①

## Main PCB assembly

- Connect all the cables to PCBs before assembly
- Use kapton/ polyimide tape to fix heating wire on the edge of the lower heater

Heating wire

Lower heater PCB

- Keep the PCBs stack together by kapton tape

M3x15mm bolt

M3 nylon washer

Lower heater

Light shield

LED board

Filter

Sensor board

Assembled PCB stack

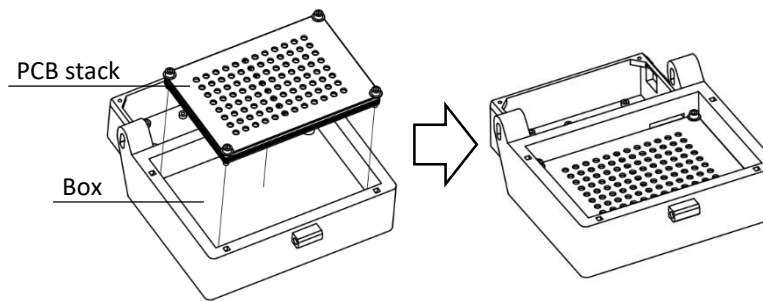
Top filter holder

Filter

Bottom filter holder

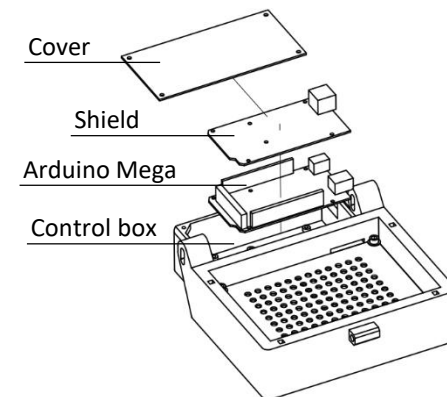
②

## Mount assembled PCBs



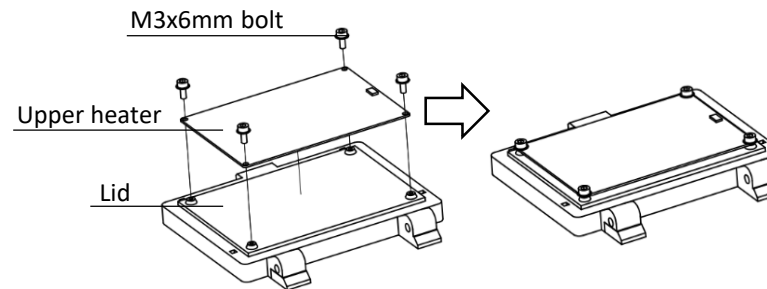
③

## Mount Arduino shield



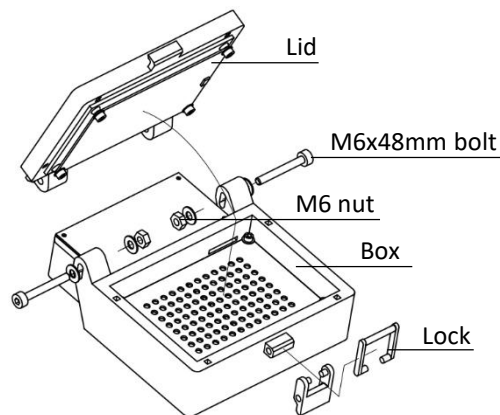
④

## Mount upper heater to the lid



⑤

## Mount the lid



⑥

## Load the plate

