

Multi Position H/C-Vortex

SampleQ introduces the “**Multi Position Heater/Cooler Vortex**”, allowing you to heat, cool and mix your samples. The design uses an internal heating/cooling circuit directly connected to a Peltier element. So, you don’t need those bulky, water-based laboratory chillers anymore.



No leaks or condensation, guaranteed! Whether you use the precise temperature control for keeping samples cool during prolonged vortexing or speed up derivatizations by increasing the heat, the choice is yours.

Depending on your optimal batch size you can choose from different vortex racks. All are interchangeable and can be easily installed on the vortex module. There is no need for a technical intervention or heavy module modifications. Changing vortex racks only takes minutes.

In addition, you can maximize your parallel sample processing by installing multiple vortexers on the same robot. The baseplate holds 2 vortex modules, but extension plates are available if required. Different temperatures and rpm-settings can be programmed for each vortex. Actual vortex temperatures can be logged in case you use the module as a reactor or incubator.

In short:

- Vortex speed: 300 to 2200 rpm
- Heating/Cooling: 4°C to 70°C
- Vortex vial racks: 54x2ml/35x2.5ml/28x4ml /12x10ml/15x10ml/96- & 384-(deep)well plates/custom racks available on request
- In chemically resistant polymer
- Or in metal racks for increased temperature stability with 3D-printed insulation
- Comes with metal baseplate for robot fixation (extension plates available)
- Up to 6 vortexers/robot
- Individual vortex speed & temperature control
- Fully software integrated with temperature data logging