



## Peltier Sample Cooling System

The Peltier+ is a compact cooling system with two cold plates that utilizes both thermoelectric modules (Peltier Chips) and an internal liquid cooling system to electronically chill vials in each plate's rack.

The compact internal liquid cooling system removes heat more efficiently than the large heat sinks used with other traditional thermoelectric modules. Temperature values for each independently controlled cold plate are digitally

displayed on each plate's temperature controller.

Condensation from the cooling process is minimized by the rack design, which encapsulates the cold plate. If condensation does form, it passes through a drainage system at the base of the unit.

The Peltier+ operates optimally in an environment with an ambient temperature of 24°C or lower.



**Plug & Play**



**No Operator Training Required**



**Chill As Low As -8° C**

A single cold plate can chill to as low as -8°C (when the other plate is turned off)



**Chill As Low As 0° C**

Both cold plate racks can chill to as low as 0°C (when both plates are turned on)



**2 Cold Plates Are Controlled Independently**



**Maintenance Free**



**Completely Sealed System, No Exposed Tubing**



**Solid Freezing May Occur Over Time Depending On Sample Chemistry**

## Specifications

### Dimensions & Weight

- 13.25" W x 20.375" D x 5.5" H (33.7cm W x 51.7cm D x 14cm H)
- 15 lbs (6.8 KG)

### Temperature Range

- -10° to 20° C
- 2 Temperature Zones

### Rack Sizes (Holds 2 Racks)

- Microtiter plate (Holds 2 plates)
- 60 – 2 ml HPLC vials
- 30 – 15 ml conical tubes
- 14 – 50 ml conical tubes
- 60 – 5 ml vials
- Custom racks

### Flexible Platform

- Custom configurations
- OEM applications

### OPC Communication Option Coming Soon

**Flownamics, Inc.**

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