

open-well thermal blocks

Designed to maintain a constant $\pm 0.1^{\circ}\text{C}$ temperature across the work surface, MéCour thermal blocks provide accurate and constant heating or cooling in the same block. All MéCour thermal blocks are connected to a circulator with temperature ranges between -100°C to $+250^{\circ}\text{C}$. Simply set the desired temperature on the circulator, and the thermal block mirrors that setting.

Standard MéCour Open Well thermal blocks accommodate between 1– 8 plates for either benchtop or automated applications. Available in vertical or horizontal configurations to maximize valuable real estate.

The Open Well Series accommodates any consumable with the corresponding MéCour Thermal Insert. Thus, providing uniform, stable temperature across the plate, eliminating well to well distortion and edge effects. This unique design affords you the maximum flexibility as your assay and consumables change.

Standard Formats That Adapt



Multiple insert types can be used together in a single block to create flexible assay configurations.

Consider these possibilities:

- Protect master sample plates or bacteria cultures in any plate format
- Maintain cell-based assays in 96, 384, or 1536 conical or round bottom inserts
- Sensitive reagents stay active with 8-, 12-, and 24 – channel reservoir inserts

All MéCour Open Well thermal blocks incorporate our unique thermal technology with the circulator recommended by MéCour designed to meet your assay requirements.

Regardless of the assay, MéCour will design a thermal system that provides:

- A reliable temperature range from -100 ° C to +250 ° C
- Temperature precision to +/-0.1 ° C
- Fast and responsive heating or cooling within the same thermal block
- Compatibility with magnetic stir plates and modular shakers

A Selection of MéCour Open Well Thermal Blocks



Choose the perfect solution for your assay

The thermal blocks above provide limitless options in supporting your efforts to maintain the desired temperature control of your assays. Simply provide the type and number of plates, operating temperature, and if it's a benchtop or automated assay.

MéCour will design your specific thermal system. If your assay is not met by standard labware, take advantage of MéCour 's extensive manufacturing capabilities in producing unique thermal blocks that fit your exact requirements.