

MéCour Temperature Control Thermal Solutions for CTC PAL[®] Autosamplers

MéCour produces a wide range of heating or cooling thermal systems for LC, LC-MS GC and GC-MS applications. These thermal solutions perfectly integrate with and support existing CTC PALs[®] and affiliated OEM names by LEAP, Gerstel, Agilent, PerkinElmer, Thermo, Waters and numerous others.

MéCour's process flexibility offers thermal solutions for application specific designs or off the shelf formats. Our thermal solutions can be used as stand-alone units or be integrated with virtually any sample handling or automation platform. We accommodate all consumables, cryovials, tubes and media/reagent reservoirs. Specialized thermal units for injection valves, syringes, columns, plates and trays, provide precise, reliable and reproducible thermal results.



Significant advantages over conventional heating or cooling systems would include a greater temperature range from -100C to + 200C with +/-0.1C temperature precision and NO external heat loss or exhaust from Block.

Consider these possibilities:

- *Equilibrate, maintain and reproduce all critical labware
- *Integrate unusual tubes, plates, reagent/media vessels into your workflow
- *Heating / Cooling within the same Thermal Block

MéCour will accommodate your multi-valve, syringe and reagent/media labware to your exact application requirements. MéCour's valve and column thermal chambers provide precise temperature control to all your LC/GC components. We offer superior temperature stability and reliability within a compact and cost effective platform.



2 Valve cooling chamber



3 valve TV 222



Mini Syringe



Thermal Hotel 3 drawer



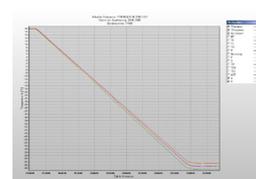
Hotel Connections
all MéCour thermal units are connected to thermostatically controlled circulators



24-1.5mL Thermal Insert



Thermal Hotel Tubes
accommodates any tube size that fits Hotel interior



Thermal Map 20C to -65C

MéCour's patented fluid control systems offer unparalleled control over a wide range of temperatures. The thermal map details this precision and working relationship between set point, unit readout and controlled fluid temperature to your labware. Gain full control over your sample and component temperatures with standard or user defined thermal solutions from MéCour.