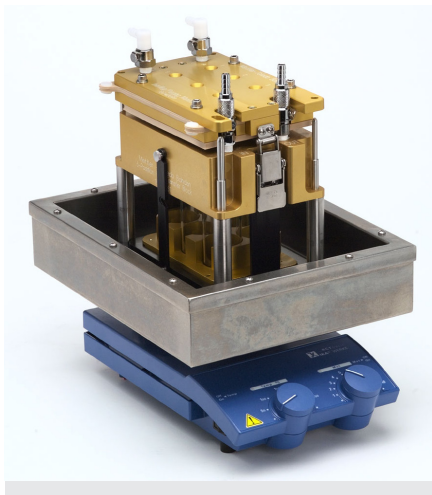


MiniBlock™ XT Low Temperature Bath

Frequently Asked Questions



- Insulated tray for sub-ambient temperature reactions using MiniBlock™ XT
- Precise cooling for a single 6, 12, 24, or 48 position MiniBlock™ XT block
- Can be placed on top of the IKA Stirrer

Q. How long will the XT Low Temperature Bath cool an XT block?

A. A typical fill of dry ice/acetone will last approximately 4 hours.

Q. What is the typical temperature variation between cooled vessels?

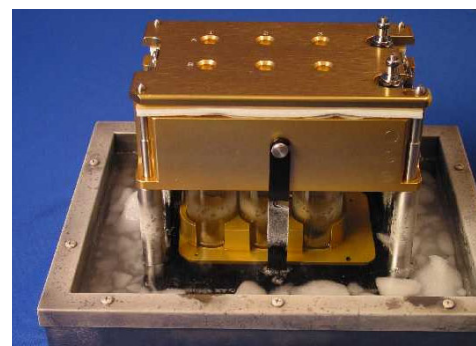
A. Measured temperatures for a 12 position XT were $-72^{\circ}\text{C} \pm 1.5^{\circ}\text{C}$ using dry ice/acetone. The reaction vessels were magnetically stirred to facilitate even heat transfer.

Q. Can the standard XT magnetic stirrer (IKA) be used with the XT Low Temperature Bath?

A. Yes, effective mixing is achieved for most solutions with the Low Temperature Bath on the IKA.

Q. What are the recommended stir bars for the XT reaction vessels when using the Low Temperature Bath?

A. While the standard XT stir crosses provide excellent mixing for most situations, a diagonally-propped straight stir bar may prove more effective for mixing certain viscous or heterogeneous solutions.



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For more information