

# Storm Heating/Cooling Work Station...



Combined with a suitable circulator, Storm can provide controlled steady state heating and cooling...

Storm was designed as an add-on module for the Carousel 6 Plus and Tornado combination, creating a powerful 'Parallel Process Reactor' that heats, cools and mechanically stirs up to 6 flasks (50ml to 250ml), making it the ideal process optimisation and development tool.

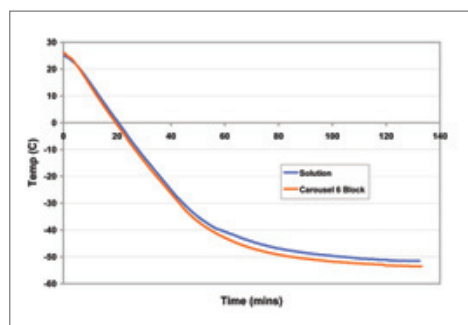
## Features...

- Multiple or single stirred reactor, with controlled heating/cooling from 5ml to 5 litres.
- Thermofluid range of -85°C to +235°C; providing a solution temperature -65°C to +200°C.
- 135mm ø top plate integrates with the Carousel 6 Plus, Tornado, Heat-On & other reaction blocks.
- Ideal for temperature controlled, steady state reactions.
- Unique internal design maximises heat transfer from the thermofluid, focusing the energy towards the top plate surface. This design also minimises temperature variation across the contoured top plate.
- The insulated outer case reduces heat loss and prevents contact with hot/cold thermofluid.
- Optional two-piece, removable PTFE insulating plate provides increased energy efficiency, for improved heating and cooling; it also helps reduce ice formation on exposed surfaces at sub-ambient temperatures.
- Mechanical stirring provided by Tornado or suitable overhead stirrer.
- M24 hose connections, suitable for all popular brands of circulator.

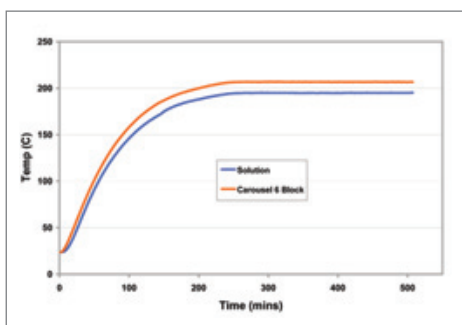


Storm with Carousel 6 Plus, Tornado, overhead stirrer and PTFE insulating plate

## Typical cooling & heating profiles for Storm...



Storm/Carousel 6 Cooling Profile using a Huber 705



Storm/Carousel 6 Heating Profile using a Huber 705



Carousel 6 Plus locates on to the Storm without tools



## Technical Specifications

Description	Storm
Solution Temperature Range	-65°C to +200°C
Thermofluid Operating Limits	-85°C to +235°C
Control by Solution Temperature	No
Typical Applications	Steady state temp reactions such as parallel chemistry
Hose Fittings	M24 (24mm)
Dimensions (mm)	367 x 143.5mm
Insulated	Yes
Weight	13kg