

Breeze Heating/Cooling Work Station...



Combined with a circulator, the compact Breeze provides rapid heating/cooling and is ideal for applications requiring precise control by solution temperature...

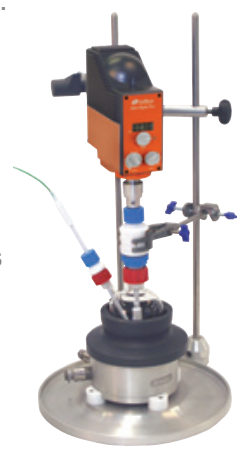


Breeze, Carousel 6, Tornado and overhead stirrer

Designed as an add-on module for the Carousel 6 Plus and Tornado, Breeze creates a 'Parallel Process Reactor' that heats/cool and mechanically stirs 6 flasks (50ml to 250ml). Breeze is ideal for applications that require precise solution temperature control, such as crystallisation studies.

Features...

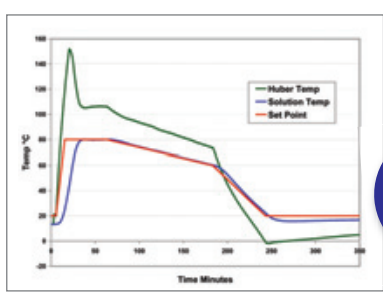
- Rapidly heat/cool, multiple or individual flasks up to 5 litres.
- Thermofluid range of -85°C to +235°C; providing a solution temperature of -30°C to +165°C.
- 135mm ø top plate integrates with the Carousel 6 Plus, Tornado, Heat-On and other reaction blocks.
- Breeze's small internal volume ensures a quick response to changes in thermofluid temperature.
- Internal design maximises heat transfer from the thermofluid to the top plate and minimises temperature variation across the surface.
- Mechanical stirring provided by Tornado or overhead stirrer.
- M16 hose connections, suitable for all popular brands of circulator.



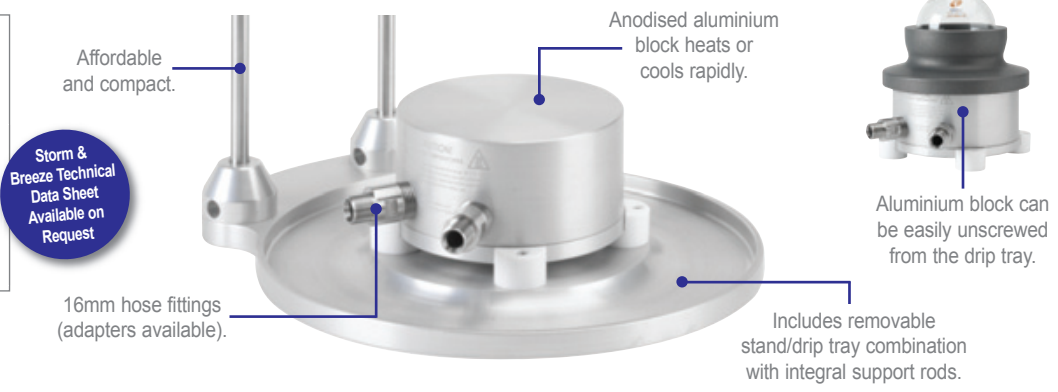
Breeze with 250ml Heat-On, stand and overhead stirrer

Removable stand and drip tray...

Breeze comes with a removable aluminium stand and stainless steel support rods that ensure the set-up is sturdy and safe. The stand also acts as a drip-tray for any spills or condensation that may form when being used at sub-ambient temperatures.



Breeze Stepped Temperature Profile using a Huber Ministat 230



Technical Specifications

Description	Breeze
Solution Temperature Range	-30°C to +165°C
Thermofluid Operating Limits	-85°C to +235°C
Control by Solution Temperature	Yes
Typical Applications	Variable temp applications such as crystallisation
Hose Fittings	M16 (16mm)
Dimensions (mm)	135 x 80mm
Insulated	No
Weight	Without stand 1.6kg (With stand 3.2kg)

What is the difference between Storm & Breeze?

Storm: Features a sophisticated internal fluid path that combines with a high performance insulated case to maximise thermal transfer. These features create a temperature control module that has a wide operating range with excellent heat transfer, making Storm ideal for steady state reactions from -65°C to +200°C that require stable temperatures for extended periods, with minimal variation across the heated surface.

Breeze: Small bench-top footprint and no insulation; resulting in a narrower operating range of -30°C to +165°C. Yet because it is smaller, Breeze has a much faster response time to required changes in temperature. This makes Breeze more suitable for applications that require solution control such as crystallisation studies.

Description	Heating Power (kW)	Cooling Power at 0°C (kW)	Storm		Breeze	
			Cooling to -30°C	Heating to 100°C	Cooling to -30°C	Heating to 100°C
Huber Ministat 230 (-33°C/+200°C)	2.0	0.35	n/a	34 mins	n/a	30 mins
Huber Unistat 705 (-75°C/+250°C)	1.5	0.65	44 mins	56 mins	60 mins	44 mins
Huber Unistat 825 (-85°C/+250°C)	3.0	2.2	27 mins	27 mins	85 mins	n/a