The Tornado integrates with the Carousel 6 Plus to provide powerful, controlled mechanical stirring of up to six round bottom flasks.

If offers

unrivalled

and for the

dispersion

of delicate

stirring for both

viscous samples

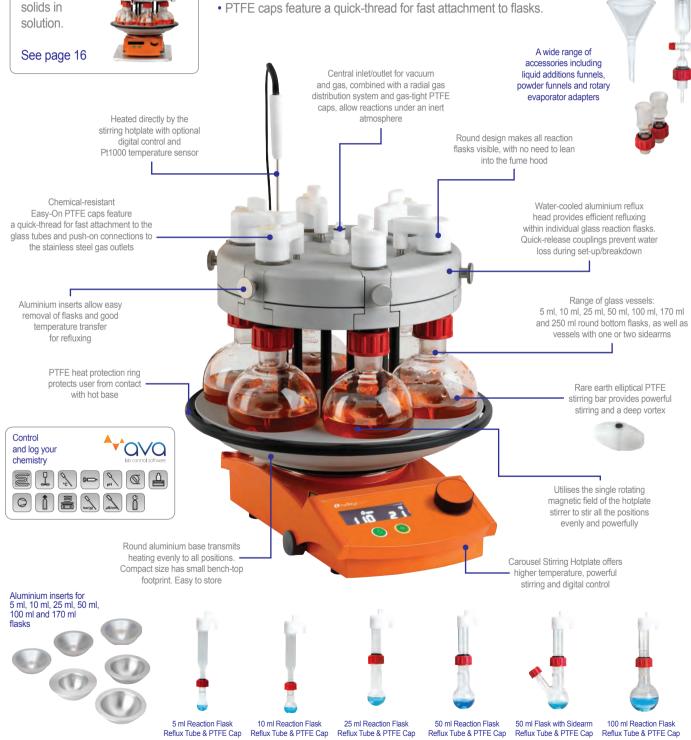


The patented Carousel 6 Plus simultaneously heats, stirs and refluxes multiple samples under an inert atmosphere

Accepts round bottom flasks: 5 ml, 10 ml, 25 ml, 50 ml, 100 ml, 170 ml and 250 ml sizes.

Features

- Powerful, even stirring fits onto a Carousel Stirring Hotplate.
- Rapid heating to 180 °C.
- Quick to set up and easy to use.
- Water-cooled reflux head.
- · Perform reactions under an inert atmosphere.
- · Easy viewing of flask contents during experiments.
- 100 ml and 250 ml azeotropic (Dean and Stark) flask option.
- PTFE caps feature a guick-thread for fast attachment to flasks.



Radlevs Shire Hill, Saffron Walden, Essex, CB11 3AZ. United Kingdom

Cooled Carousel 6 Plus Reaction Station™

Cost effective low temperature parallel synthesis down to -78 °C

The Cooled Carousel 6 Plus allows chemists to perform sub-ambient reactions in a range of flasks from 5 ml to 250 ml with the option of an inert, moisture-free atmosphere.

Features

Reflux Tube and PTFE Cap

- Simultaneously perform up to six cooled and stirred reactions to -78 °C.
- Powerful, even stirring reservoir fits on to a Carousel Stirring Hotplate.
- Robust HDPE cooling reservoir is compatible with a wide range of cooling mixtures, including dry-ice/acetone for manually controlled cooling from ambient down to -78 °C.
- Insulated foam core maintains low temperatures for long periods, whilst protecting the stirrer from freezing. Also reduces condensation and ice formation on outer surfaces.
- HDPE lid keeps reactions cooler for longer, minimises ice formation on flasks (maintaining visibility of the contents) and prevents spitting from the cooling mixture.
- Round design makes all reaction flasks visible and allows easy addition of reagents and solvents, with no need to lean into the fume hood.



Central inlet/outlet for vacuum and gas, combined with a radial gas distribution system and gas-tight PTFE caps, allow Chemical-resistant reactions under an inert atmosphere Easy-On PTFE caps feature Round design makes a quick-thread for fast attachment all reaction flasks visible, with no need to lean into to the glass tubes and push-on connections to the s/steel gas outlets the fume cupboard HDPE lid reduces frost formation and reduces the risk of solvents spitting. Robust HDPE cooling reservoir is compatible with a wide range of freezing mixtures including Insulated foam core maintains low dry-ice/acetone for manually temperatures for long periods whilst controlled cooling from protecting the stirrer from freezing and ambient to -78 °C also reduces condensation and ice formation on outer surfaces Rare earth elliptical PTFE stirring bar provides powerful stirring and a deep vortex Utilises the single rotating magnetic field of the hotplate stirrer to stir all the positions evenly and powerfully No electrical or moving parts ensures maintenance free operation. Easy to set up with minimal training time Fits on a standard Carousel Stirring Hotplate Carousel Stirring powerful stirring with Hotplate optional digital control Compact size has a small bench-top footprint and is easy to store 170 ml Reaction Flask 250 ml Wide 250 ml Azeotropic Reaction 100 ml Flask with Sidearm 250 ml Reaction Flask 250 ml Flask with 2 Sidearms 250 ml Reaction Flask

-78°C

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Reflux Tube and PTFE Cap

Neck Vessel

with Dropping Funnel

with Dropping Funnel

Reflux Tube and PTFE Cap

Flask with Dropping Funnel