

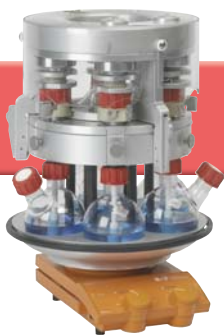
*Blow away your  
productivity  
bottlenecks*



# Tornado™ IS6

Powerful, parallel overhead stirring system...

For more info, pricing or a demonstration please email [sales@radleys.co.uk](mailto:sales@radleys.co.uk) or visit [www.radleys.com](http://www.radleys.com)



## Powerful, productive overhead stirring system...

**Offers unrivalled stirring for both viscous samples and for the dispersion of delicate solids in solution...**

Gearing	Selectable 1:1 & 2:1
Maximum rpm	1,000rpm
Maximum viscosity	10,000cps @ 500rpm
Drive system	Toothed belt
Temperature range	Ambient to +180°C
Glassware	50ml, 100ml & 250ml
Working volume	20ml to 150ml

### Technical Specifications

## The Tornado IS6 facilitates powerful, controlled mechanical stirring of up to six round bottomed flasks with the Carousel 6 Reaction Station

### Powerful and productive...

Designed to accept all leading brands of overhead stirrer such as IKA and Heidolph, the Tornado IS6 evenly distributes high torque stirring to all positions of the Carousel 6. The result is powerful, parallel overhead stirring even when faced with highly viscous liquids. At its most powerful Tornado can stir reaction mixtures of up to 10,000cps at 500rpm. The system is also well suited for dispersing delicate solids or resins in low viscosity solutions.

### Designed to work with the Carousel 6...

The Tornado is designed to fit on top of a standard Carousel 6 Reaction Station and is compatible with the full range of Carousel round bottomed flasks from 50ml to 250ml (with and without sidearms). We have also introduced a new range of baffled and wide-neck round bottomed flasks which allow; better mixing, easier removal of viscous samples and the accommodation of a variety of larger stirrer blades.

### Time saving and easy-to-use...

The Tornado features an easy-to-use, tool-free 'Pinch-Grip' mechanism for fast removal or exchange of stirrer shafts. This combined with a unique stirrer sealing system allows the Tornado to stir up to six flasks whilst under vacuum or an inert atmosphere.

### Utilises versatile Carousel 6 parallel synthesis technology...

The Tornado IS6 connects directly on to the Carousel 6 without the need for tools. This provides the chemist with a versatile, modular, parallel synthesis station at a fraction of the cost of any comparable reaction system. Tornado is available separately or as part of a complete system with a Carousel 6 Reaction Station.



*Individual vessels can be removed easily...*

### Want to know more about Carousel 6 ?

A cost effective personal synthesis station for parallel solution phase chemistry, process development and synthesis of building blocks. Simultaneously heats and stirs up to 6 round bottom flasks from 5ml to 250ml

To find out more visit [www.radleys.com](http://www.radleys.com)



### Carousel 6 Reaction Station



Compatible with all leading brands of overhead stirrer

2-speed drive (1:1 and 2:1) means lower rated mechanical stirrers can be used for high viscosity liquids. Speeds of up to 1,000rpm are achievable in a low viscosity solutions

Tool-free 'Pinch-Grip' mechanism and sealed stirrer sealing system allows easy stirrer shaft insertion and operation under an inert atmosphere

Provides up to six heated (max +180°C) and stirred reaction positions

Integrates with existing Carousel 6 without increasing footprint

Uses a single overhead stirrer to agitate up to six 250ml flasks

Easy to operate and set-up with minimal training time

Optional clamp and stand provides added stability during operation

Integral polycarbonate safety guard

Accommodates 50ml, 100ml & 250ml round bottomed flasks (with and without sidearms) plus new baffled flasks

Fits on a standard Carousel or IKA stirring hotplate, so utilising existing and readily available technology

