



Mya 4[™] Reaction Station

One reaction station with limitless possibilities



Wide range of vessel styles and sizes • 2 ml to 400 ml

A 4-zone reaction station offering safe and precise heating, active cooling, software control and data-logging for 24/7 unattended chemistry

Features

- · 4 Independent zones each with heating and active cooling
- Magnetic and overhead stirring
- -30 °C to +180 °C
- 2 ml to 400 ml wide range of vessel styles
- · Software control and log results automatically

Safer, cleaner, greener and more productive

- · Replace inefficient, messy and unsafe oil and ice baths
- Save space compared with separate reaction set-ups
- Software control improves safety, reduces manual errors, and allows 24/7 unattended chemistry, for increased productivity
- Create, repeat and share experiments and results with ease and accuracy
- Easily manage complex multi-step and multi-device experiments
- Integrate 3rd party devices such as syringe pumps, pH sensors, peristaltic pumps, balances, vacuum pumps, gas flow controllers and pressure sensors



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Configure Mya 4 in the way that suits your chemistry

Choose the control option to meet your needs. Use our Process and Discovery set-ups as inspiration.

Touch-screen Control Pad

- Supplied as standard with Mya 4
- Intuitive and easy to use
- Compact footprint
- · Set automated profiles or use manual control



Discovery Set-up

Choose the reflux head for integrated reflux cooling; combines well with magnetic stirring; ideal for use with round bottom flasks.

Applications

- Lead optimisation
- · Single or parallel synthesis
- Reaction optimisation
- · Reagent, catalyst & solvent screening
- Crystallisation studies

PC Control Software - optional

- Integrate and control 3rd party devices
- Create complex experiments with any number of steps
- Report Wizard creates reports in rich text format or export results in CSV



Process Set-up

Choose the manifold head for use with glass condensers, overhead stirrers and process vessels; ideal for mimicking jacketed reactors.

Applications

(DoE)

- Process development
- Design of Experiment
- Polymorph screening
- Crystallisation studies
- Route scouting



