

## Integrity 10 Reaction Station

### “Lab in a box”

Compact enough to be used on your bench or in your fume hood, the **Integrity 10** enables up to 10 scientists to share the same instrument, independently controlling the temperature, stir speeds, and duration of their experiments.

The system can be used as a standalone reaction station, used on robotic platforms with remote control, or coupled together with further units for mass sampling.

The intuitive touchscreen control means users don't require an external PC to manage their reactions, with real-time data, automatic saving, and export functionality simple features to access. PC software is also available.



## Ideal for you & for the environment

With highly accurate heating & stirring, accessories are available to support co-crystallisation studies, polymorph screening and many more applications.

The system uses the exact energy input necessary as all cells are pre-programmed to switch off automatically - no wasted power!

The Integrity 10 has a cool-to-touch outer casing - an essential safety feature for a system with multiple users.



- Zero cross-talk between positions
- Controlled ramping
- Varied ramping patterns with up to 999 cycles

Contact us to discuss how Integrity 10 will impact your chemistry

### Key features:

- **10 individual reactor cells** in one compact instrument
- **Individual control** of temperature and stirring speed for each cell
- **Temperature range** of  $-30\text{ }^{\circ}\text{C}$  to  $150\text{ }^{\circ}\text{C}$ , stability of  $\pm 0.5\text{ }^{\circ}\text{C}$
- **Stirring rate** of 350 rpm to 1,200 rpm
- **Cell working volume** of 0.25 mL to 25 mL depending on tube selected
- **Automatic and programmable** microprocessor control with intuitive touchscreen
- **Manual programming** of 'setpoints' and ramps for individual process demands, or **pre-programmed profiles** for routine measurements.
- **View real-time results** on this standalone system with easy data extraction via USB
- Optional attachments for **refluxing** and working under **inert conditions**, infrared probes for **solubility/crystallisation** studies, platform for **automated reactor sampling**
- **Customisable high-pressure cells** for up to 10 positions simultaneously

