

Integrity 10

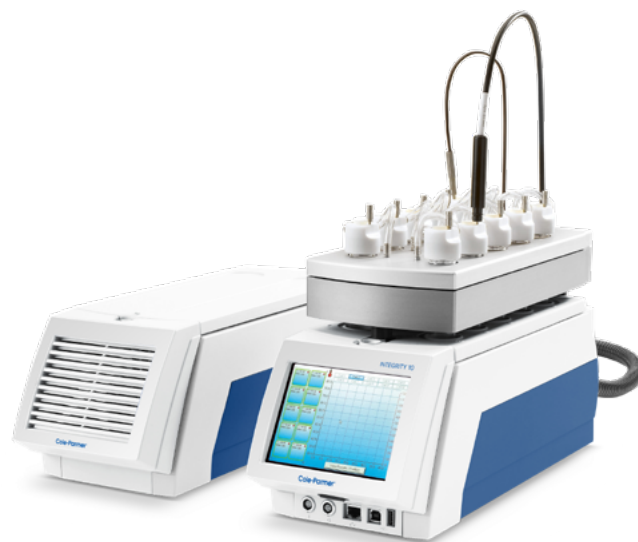
Flexible Reaction Station

“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.

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!

- 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 upon tube selected
- Automatic and programmable microprocessor control with intuitive touchscreen



Work smarter for your chemistry & the planet



Integrity10 Pressure Modules

Parallel High Pressure Reactions

Made To Your Exact Specification

The Asynt Integrity 10 Pressure Modules system allows users to vary the pressures at which they conduct experiments.

This compact platform accommodates up to 10 separate pressure reactor modules simultaneously, with up to 100 bar per position as standard.

Designed and manufactured in the UK, options include, but are not limited to, a manifold system to link the vessels, individual pressure control, and reaction sampling. In addition we can also manufacture the units from exotic alloys such as hastelloy and inconel.



- Screw closure on each individual cell
- Fail safe mechanisms
- Manufactured from 316 stainless steel
- Other materials available upon request
- Suitable for work to 100 bar @ 150 °C
- Available as a complete system with 10 individual cells, or available individually.

Contact us to find out more...

