

PRESS RELEASE

**Compact 4-Position High Pressure Benchtop Reactor**

The **Quadracell 4-position high pressure reactor** from **Asynt** is a new synthetic tool for scientists seeking the convenience of routine parallel pressure chemistry in a compact footprint.

Designed and manufactured in the UK, the robust Quadracell reactor is simple to set up and to operate, with heating and agitation provided by a standard magnetic hotplate stirrer and magnetic flea.

Constructed in durable Stainless Steel 316, the Quadracell has four cells - each with a reaction volume of 10 mL – that can routinely operate at temperatures up to 250 °C. For labs using aggressive or caustic media the Quadracell is optionally available constructed from Hastelloy C276 for enhanced chemical resistance.

Different versions of the Quadracell are available to safely operate up to your chosen maximum working pressure of 50, 100 or 200 Bar. Each Quadracell high pressure reactor is supplied as

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standard with a pressure release valve, pressure gauge, gas inlet and gas outlet via two stainless steel needle valves.

With a wide range of accessories available, you can tailor the package to suit your exact chemistry and laboratory setup or select a standard Quadracell turn-key solution that's ready to use right away.

For further information on the Quadracell 4 position high pressure reactor please visit <https://www.asynt.com/product/quadracell-4-position-high-pressure-reactor/> or contact Asynt on +44-1638-781709 / [enquiries@asynt.com](mailto:enquiries@asynt.com).

The Quadracell is a new addition to the comprehensive range of single and multi-position high-performance pressure reactors from Asynt. To download a flyer providing a brief overview of the range please visit <https://www.asynt.com/wp-content/uploads/2014/05/Asynt-Pressure-Reactors-Overview-Flyer-V2.1.pdf>

Asynt is a leading supplier of affordable products, consumables and services for chemists in industry and academia. With a sales team of trained chemists, Asynt can draw upon their in-depth application knowledge to provide a high level of customer support for its DrySyn Heating Blocks, CondensSyn waterless condensers, Turn-Key solutions for Controlled Lab Reactors, Synthesis Tools, Evaporators, Temperature Control Systems, Vacuum Pumps and Lab Safety Equipment.

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**asyntpr123.doc**

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Illustrative images:



Caption: Quadracell 4-position High Pressure Reactor

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Caption: Close-up of 4 reactor cells

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