

15th JULY 2014

High Specification Ultra Safe Pressure Reactor

Asynt announces PressureSyn – the new, state-of-the-art, 125ml working volume high pressure reactor that uniquely combines outstanding performance, ease of use and the highest level of operational safety for users.

Designed by chemists and engineers at the internationally renowned University of Nottingham (UK), PressureSyn reactors provide an ideal tool for stirred, or non-stirred, high pressure applications including hydrogenations, carbonylations, catalyst screening and polymerisations.

Precision engineered in the UK, from traceable certified 316 stainless steel, the standard safety features of PressureSyn include a bursting disk and pressure relief valve. PressureSyn reactors feature a unique bracket and key operated locking system ensuring easy assembly. However, this novel clamping arrangement also prevents the clasp from being disassembled whilst the reactor is still under pressure. Each reactor's locking collar has a unique key which ensures only that key can be used to open that specific individual reactor.

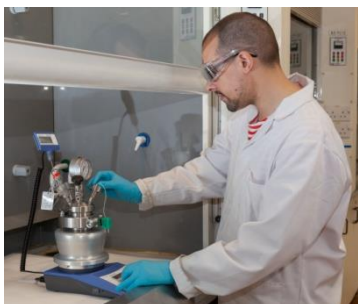
With customer safety paramount, each individual PressureSyn reactor is tested to 170bar, witnessed and certified by Zurich Insurance, and is rated for use up to a maximum pressure of 100bar and temperature of 200°C.

A special DrySyn adapter plate ensures secure placement of the PressureSyn to any standard hotplate stirrer, giving enhanced heat transfer and the ability to control temperature from the stirrer's temperature probe. An optional PTFE reduction adapter/sleeve is available for small volume chemistry.

To view a video introduction to the PressureSyn please visit

<http://www.asynt.com/product/pressuresyn/>.

For further information please contact Asynt on +44-1638-781709 or sales@asynt.com.



Asynt is a leading supplier of affordable products, consumables and services for chemists in industry and academia. With staff of trained chemists - Asynt is able to draw upon this in-depth applications knowledge to provide a high level of customer support for its DrySyn Heating Blocks, Controlled Lab Reactors, Synthesis Tools, Evaporators, Circulators, Temperature Control Systems, Vacuum Pumps and Laboratory Safety Equipment.

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