



Introducing...
The high pressure reactor with
safety built in

PressureSyn

The NEW model

Asynt has collaborated with the chemists and engineers at The University of Nottingham, to bring their expertise and respect for the safety aspects of working at high pressure in the laboratory to the general market in the form of PressureSyn, a new High Pressure reactor with safety built in.

Cost effective and lightweight, it is an ideal solution for the safety conscious laboratory user.

The easy to open clamp mechanism features a unique Safety Key designed by the chemists and engineers at Nottingham that does not allow the vessel cover to be removed without first releasing any residual pressure.

Each Safety Key and vessel clamp are unique therefore ensuring that it cannot be undone with a spare key, only the Safety Key that is used to release any residual pressure of the reactor in use will open the clamp.

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The University of
Nottingham

UNITED KINGDOM • CHINA • MALAYSIA



Specification:

- Features unique Safety Key & locking clamp designed by the chemists and engineers at the University of Nottingham.
- Standard safety features include a double pressure relief system, including bursting disk and pressure relief valve
- **NEW** – Now certified and rated to maximum pressure of 200bar, tested to 400 bar.
- Certified and rated to maximum temperature of 200°C
- 125ml capacity reactor vessel
- Fits on a standard laboratory hotplate using a DrySyn Adapter Plate for enhanced temperature transfer with temperature control via PT100
- Agitation via magnetic flea

E-HPR-125