



Flexible Laboratory Process Intensification Plant

Highly flexible plant to help Development Chemists prove the feasibility of applying PI technology to their processes.

Process Intensification (PI) aims to provide chemical processes with precisely the right conditions for chemical reactions to proceed at their optimal rate. *Flexplant* is a laboratory-scale, semi-continuous facility which can be used for earlystage, new product development, or to assess existing processes. Users can check for PI feasibility, and gain greater understanding and confidence in PI technology.



Flexplant utilises BHR Group's award-winning FlexReactor.

Benefits

- Rapidly screen suitability of reactions for intensification
- Wide range of process conditions: flow, temperature, pressure
- Readily re-configurable to test a wide range of reactions
- Scale up requirements well understood: laboratory scale is representative of full scale to provide meaningful scale up data
- Utilise/test other PI reactor designs
- Expertise and help to identify operating conditions and interpret results
- Suitable for GMP manufacture
- 'One stop shop' for scale up, detailed design and plant supply

