

Advance Pilot Reactor Systems

Global Pilot Plant Reactor is designed for demanding applications, such as process development, kilo and pilot scale production. Performance, functionality, and ease of use are of the highest standard in this reactor.

Exceptional usability of Global Pilot Plant Reactor is provided via the flexible stand. By enabling quick and easy displacement of the vessel, it allows you to spend more time focusing on your process and less time setting it up. The system offers outstanding value and is available in 10, 20 and 30 L vessel capacities.

General specifications

Vessel capacity	:	10 L, 20 L and 30 L
Vessel type	:	Double wall or triple wall
Operating pressure	:	F.V to atmospheric pressure
Operating jacket pressure	:	Up to +0.5 barG (0.05 MPa)
Operating temperature	:	-60 °C to +200 °C
ΔT - Thermal shock resistance	:	110 °C (double wall), 60 °C (triple wall)

Examples of application areas for MiniPilots

- Vacuum distillation
- Azeotropic distillation (phase separation)
- Evaporation to any desired consistency
- Multi-component reactions
- Gas introduction into liquid phase
- Extraction of multi-phase mixture
- Crystallization
- Refluxing
- Multiple chemical reactions liquid/liquid, liquid/solid
- Low temperature chemistry



Advantages of our glass MiniPilots

- FDA confirm made of borosilicate glass 3.3/ PTFE/ PFA
- Interchangeable reactors of 10, 20, 30 L
- Reactor lift - Manual and motorized both options available
- Corrosion resistant
- Bench and floor model (mobile)
- Fits in standard fume-hood
- Complies with ATEX zone I / CE / cGMP / CIP

Our specialists are here to advise on the optimal solution for your process. Our engineers will design a reactor system for you according your specifications.