

Complete reactor systems

Model 1



- Vessel range: From 500 ml to 3 litres.
- Dimensions:
400 mm x 400 mm x 1200 mm
(length x width x height).

Model 2



- Vessel range: From 5 litres to 10 litres.
- Dimensions:
450 mm x 550 mm x 1600 mm
(length x width x height).

Complete reactor systems

Afora offers complete reaction system models for laboratory reactors, each designed as a single workstation. The first model accommodates vessels with from 500 ml to 3 litres, while the second model supports vessels from 5 to 10 litres, allowing for configuration based on the application.



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Both models include a tabletop support designed to accommodate reactors of various sizes, utilizing DN-100 and DN-150 flanges along with additional accessories. This setup provides a versatile and efficient arrangement for different types of reactions and specific projects.



Interchangeable

Swap vessels manually within minutes. Vessels available from 500 ml to 10 liters. Suitable for DN-100 and DN-150 flanges with the appropriate accessories.



Universal

Compatible with all leading brands of mechanical stirrers. Self-aligning stirrer coupling.



Resistance

The double structure features high-strength stainless steel support rods for increased stability. The support allows the stirrer motor to be positioned with ease.



Modular

The design of the workstation maximizes productivity by allowing the configuration of the reaction system by your own.

Features:

- Range of single and vacuum jacketed vessels from 500 ml to 10 litres.
- Process vessels for small scale to Kilo lab scale (10 litres).
- Vessels made of Schott Duran® borosilicate glass 3.3.
- Glass lid adaptable to various configurations.
- Wide process temperature range: -70°C to +200°C.
- Zero dead space in outlet valve (different models available depending on the application).
- A wide selection of complementary accessories, including condensers, addition funnels, vacuum ports, inert gas inlets, and temperature probes, among others. Custom-made accessories are available for specific processes.



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