

tinyclave steel, miniclave steel, miniclave inert

versatile small scale pressure reactors for chemical research

- versatile, modular system
- interchangeable reactors
- easy operation
- safe, reliable
- configurable to your specific need



Facts and figures

- interchangeable reactors
- completely metal-free executions
- compact
- safe, reliable



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C3 PROZESS- UND
ANALYSENTECHNIK

 **büchiglasuster**[®]
switzerland Pilot Plant and Reactor Systems

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tinyclave steel



	Glass	stainless steel / Hastelloy	PTFE insert (for steel reactors)
Reactor	10 - 25 ml	10 - 40 ml	10 - 25 ml
Temperature	- 20°C .. +200°C	- 20°C .. +300°C	- 20°C .. +200°C
Pressure	-1 ..10 bar	-1 ..100 bar	-1 ..100bar

Standard package

- Steel cover plate with 2 openings and standard setup:
 - Swagelok fittings with bursting disc, manometer and 1 valve
 - Tools and spare parts
- interchangeable reaction vessels, Glass, PTFE inliner, steel / Hastelloy
- Vessel holder with protective mesh (for glass reactors)
- Union nut

miniclave steel



	Glass	stainless steel / Hastelloy	PTFE insert (for steel reactors)
Reactor	100 - 300 ml	100 - 300 ml	80 - 250 ml
Temperature	- 20°C .. +200°C	- 20°C .. +300°C	- 20°C .. +200°C
Pressure	-1 ..10 bar	-1 ..100 bar	-1 ..100 bar

Standard package

- Steel cover plate with 4 openings and standard setup:
 - Swagelok fittings with bursting disc, manometer, Pt100 and 1 valve
 - Tools and spare parts
- interchangeable reaction vessels, Glass, PTFE inliner, steel / Hastelloy
- Vessel holder with protective mesh (for glass reactors)
- Union nut

miniclave inert



	Glass
Reactor	100 - 300 ml
Temperature	- 20°C .. +150°C
Pressure	-1 ..10 bar

Standard package

- PTFE cover plate with 4 openings and standard setup:
 - Swagelok fittings with bursting disc, manometer and 1 valve
 - Tools and spare parts
- interchangeable reaction vessels, Glass
- Vessel holder with protective mesh
- Union nut



no metal in contact with media !



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