

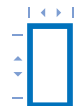
CHAMBER MADE COMPLETELY OF STAINLESS STEEL



PROCESS SEQUENCES ADAPTED TO CUSTOMER REQUIREMENTS



BUILT-IN ROTATING BASKET FOR UNIFORM TEMPERATURE DISTRIBUTION AND HOT WATER SPRINKLING



DIMENSIONS ADAPTED TO CUSTOMER REQUIREMENTS

Technical data	High Pressure Autoclaves
Chamber volume in liters	25 - 12000
Pressure range in bar	up to 20
Temperature range	up to 250° C
Diameter in mm	300 - 1400
Locking system	Bayonet lock
Material	Stainless steel 1.4571/ AiSi 316 oder 1.4404/ AiSi316L
Norms	2014/68/EU & AD2000
Standard diameter in mm	300, 400, 500, 600, 750, 900, 1200, 1400

High Pressure Autoclaves - HDA

Our high-pressure autoclaves (HDA series) are used in research and production applications and are produced in direct accordance with your wishes and requirements at our plant in Bad Grund.

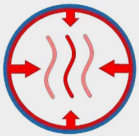
We build our HDAs to your individual specifications, with operating pressures ranging up to 20 bar(g) and operating temperatures up to 250° C. Our systems are available as either horizontal or vertical models.

A variety of heating systems and various chamber dimensions are available to choose from (Ø 300-1400mm).

May be equipped with a steam generator, steam reservoir, hot-water boiler or hot water cascade.



Hot air through internal heating elements with a circulating air system



Jacket heating in the AL jacket up to 250° C



Using hot water and / or superheated steam for saturated steam and / or steam-air mixture processes

A variety of heating systems

► Hot air: applications

Laminating touchscreen displays and carbon components, also suitable for vacuum processes

► Mantle heating: applications

Aging tests

► Hot-water vapour: applications

Vulcanising rubber parts
Materials testing
Sterilising final products

Bayonet lock

- Available in a horizontal or vertical configuration.
- Automatic motor for safe opening and closing, meets european safety standards.
- The bayonet is rotated via the cap to minimise seal wear.

