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Laboratory Autoclave

CE 1155

PROHS®



Laboratory Autoclave

PROHS LAB and LAB+

models are enhanced for maximum customization to fulfil your Laboratory's every need.

Versatility

Completely adaptable to different industries being the perfect choice for your needs.

User Friendly

Dedicated software takes connectivity and ease of operation to the next level.

Ecological Design

Water and electricity consumption optimized to each cycle reducing environmental impact.

- STEAM PIPING IN STAINLESS STEEL
- AUTOMATICALLY CONTROLLED BY PLC
- 7' OR 10' COLOUR TOUCH SCREEN
- PARTIAL JACKET CONSTRUCTION
- AUTOMATIC VERTICALLY SLIDING DOORS
- CLAMP CONNECTION OPTION
- SEVERAL SAFETY FEATURES
- INTEGRATED STEAM GENERATOR
- REFINED POLISH FINISH
- INTEGRATED PRINTER
- HIGH QUALITY COMPONENTS
- FAT & SAT VALIDATION
- MAINTENANCE AVAILABLE ON ALL SIDES
- IQ | OQ | PQ | PROTOCOLS AVAILABLE

...AND MORE

Programs

SOLIDS 1

SOLIDS 2

SOLIDS 3

SOLIDS 4

LIQUIDS WITH PRE-VACUUM

LIQUIDS WITHOUT PRE-VACUUM

UP TO 9 CYCLES CAN BE ADDED BY THE USER

Cycles are entirely configurable

Liquid Cooling Options

Natural Cooling

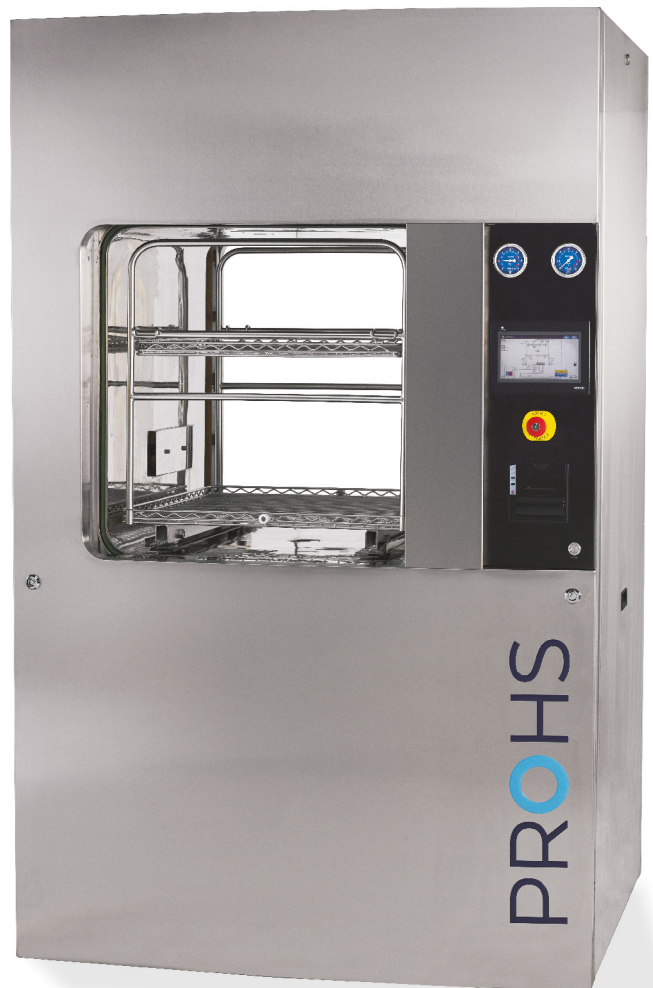
Slow-Exhaust

Active Cooling (Air Ballast)

After the sterilization phase, compressed air is introduced in pulses in the chamber, through a filter, reducing considerably the cooling time of the load.

Accelerated Cooling

Cold water is introduced in the vessel's jacket during the cooling phase, allowing for additional time reduction of the cooling process.



Technical Characteristics

Model	Internal Dimensions	External Dimensions	Power 3~400V - 50/60Hz			Weight	Doors	
			LAB	LAB+	LAB		LAB+	
PROHS PJ-190L	50x50x75	180x102x100	21KW	2,1KW	20KW	495	1/2	1
PROHS PJ-250L	50x50x100	180x102x130	32KW	2,1KW	30KW	685	1/2	1/2
PROHS PJ-325L	50x50x130	180x102x160	32KW	2,1KW	30KW	750	1/2	1/2
PROHS PJ-350L	68x68x75	195x122x105	32KW	2,1KW	30KW	800	1/2	1/2
PROHS PJ-460L	68x68x100	195x122x134	42KW	2,1KW	40KW	830	1/2	1/2
PROHS PJ-600L	68x68x130	195x122x164	53KW	2,8KW	50KW	950	1/2	1/2
PROHS PJ-740L	68x68x160	195x122x194	53KW	2,8KW	50KW	1050	1/2	1/2
PROHS PJ-880L	68x68x190	195x122x224	68KW	2,8KW	65KW	1200	1/2	1/2

Other sizes upon request.

/litres capacity	/cm height x width x depth	/cm height x width x depth	Total With Steam Generator	Total Without Steam Generator	Only Steam Generator	/kg Aproxim. With S.G.	Number of doors	Number of doors
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Available Configurations

LAB

Basic teaching, research and diagnostic laboratories - BSL 1/2

LAB+

Special research and diagnostic laboratories and industrial use - BSL 3/4

Accessories

- Load / Unload trolley in Stainless Steel with fixed or adjustable height
- Load / Unload platform in Stainless Steel
- Sterilization Baskets in Stainless Steel
- Silent Air Compressor (oil-free)
- Water Softener
- Independent Data Recorder for Validation (S@tis Supervision)

External Connections

Power Supply: 400V ~3ph - 50/60 Hz

Water: 1/2"

Sewer: DN50

Compressed Air: 3/8"

Certificates

Directive 2014/68/UE

EN 285

Options

- SD card and process software
- Double monitor (Load and Unload Zone)
- Accelerated cooling with water in the jacket
- Contaminated effluents filtration (only on the LAB+ version)
- Plastron / sanitary barrier (only on the LAB+ version)
- Condensates sterilization (only on the LAB+ version)
- Scada connection - or other
- CFR 21 Part 11
- Air detector

Due to product improvement and development, PROHS reserves the right to make changes without notice.

