



LABCLAVE-L AUTOCLAVE

ANNOUNCING THE NEW LABCLAVE-L AUTOCLAVE DESIGN

We are thrilled to introduce our new Labclave-L series of autoclaves, ranging from 150-litres up to 450-litres and featuring a sleek new frame, enhanced eco-friendly benefits, and more!

Introducing the brand new Labclave-L autoclave series

We are excited to announce our brand new Labclave-L laboratory autoclave range, combining a sleek new design, improved efficiency and sustainability to create a game changing autoclave for any laboratory.

Featuring a refreshed exterior and advanced steam generation technology, the new models are designed to minimise environmental impact from manufacture to daily operation, all while maintaining exceptional performance.

The new design comes with streamlined front and side access panels for easier servicing and maintenance. Inside the chamber, a dual shelf layout with adjustable runners provides the flexibility to suit a variety of laboratory needs.

Sustainability has been a key factor in the design and manufacture of the new Labclave-L series, reflecting LTE Scientific's commitment to reducing environmental impact. We use responsibly sourced materials and efficient, low-waste manufacturing processes to minimise our footprint and support environmentally conscious practices.

The Labclave-L is set to become our flagship autoclave, equipped as standard with a wide range of advanced features. These include an upgraded control panel with 20 customisable programmes, air-ballast technology for safe sterilisation of fluids and sealed containers, and automatic powered doors with an emergency stop function for enhanced efficiency, ergonomics, and safety.

KEY FEATURES:

- 20-Program touchscreen control system
- Integral silent air compressor
- Load-sensed process timer
- Armoured load probe
- Internal data archiving
- Water jacketed chamber for exceptional cooling efficiency
- Enhanced temperature range 105 - 140°C
- 316L stainless steel pressure vessel
- Stainless steel exterior
- Air ballast for fluid or sealed loads
- Small footprint
- Pneumatic powered automatic door with safety edge and emergency stop
- Improved sustainability - Less water consumption



TECHNICAL INFORMATION

Model	Steam Generation	Capacity (litres)	Chamber Dims HWD (mm)	Overall Dims HWD (mm)	Shelves/ Positions
AL0150EV-SE	Integral Generator	150	600 x 500 x 515	1870 x 730 x 1335	2/15
AL0150DV-SE	Direct Steam				
AL0225EV-SE	Integral Generator	225	600 x 500 x 745	1870 x 730 x 1480	2/15
AL0225DV-SE	Direct Steam				
AL0300EV-SE	Integral Generator	300	600 x 500 x 1000	1870 x 730 x 1565	2/15
AL0300DV-SE	Direct Steam				
AL0360EV-SE	Integral Generator	360	700 x 670 x 765	1970 x 900 x 1480	2/20
AL0360DV-SE	Direct Steam				
AL0450EV-SE	Integral Generator	450	700 x 670 x 965	1970 x 900 x 1635	2/20
AL0450DV-SE	Direct Steam				

Overall dims are typical sizes and may change dependent upon configuration. Our autoclaves are adaptable, allowing for easy navigation through narrow routes and to fit in smaller lifts. Please contact us for further support.

Range currently available as single ended models, pass-through models are in development and will be available at a later date.

Operating Range – 105 to 140°C (0 –3.1bar)

OPTIONS AND ACCESSORIES

Description

Cat. 3 Filter for P3/BSL3 Applications

Thermal Paper Printer

Independent Graphic Recorder - 3 Channels

Remote Data Archiving - Various options: USB/Ethernet

Pre/Post Vacuum System

Steam Jacket

All above options are factory fit and need to be ordered at the same time as the autoclave.

A range of other options are also available including loading /carriage trolleys, and various baskets and discard boxes. Please contact LTE for more details.

LTE is a progressive company and reserves the right to alter the specification of its products without notice. E&OE