# NEW AUTOCLAVE FOR 2025

ANNOUNCING THE NEW TOUCHCLAVE-K AUTOCLAVE DESIGN

**We are thrilled to introduce our newly redesigned Touchclave-Lab "K" series of autoclaves, ranging from 150-litres up to 730-litres and featuring a sleek new frame, enhanced eco-friendly benefits, and more!**

## *Introducing the redesigned Touchclave-K autoclave series*

We are thrilled to announce the enhancement of our flagship Touchclave-K autoclave range, combining modern design with improved efficiency, offering a sustainable sterilisation solution.

With a refreshed sleek exterior and advanced steam generation technology, the new models are designed to reduce water consumption while maintaining reliable performance.

Redesigned panelling including a front access panel provides easy access to make servicing and maintenance more straightforward.

From production to daily operation, sustainability is at the heart of the new Touchclave-K series, reflecting LTE Scientific's ongoing commitment to minimising environmental impact.



Building on the extensive features of the standard series, the new models come with 20 built-in customisable programs, and are equipped with Air-Ballast technology as a standard feature, ensuring safe sterilization of fluids and sealed containers. Additionally, automatic powered doors and emergency stop now come as standard, improving operational efficiency, ergonomics, and operator 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
- Advanced water conservation system and exhaust condensate

- 316L stainless steel pressure vessel
- Stainless steel exterior
- Anti-bacterial epoxy powder coated panels
- 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 | Capacity (litres) | Chamber Dims HWD (mm) | Overall Dims HWD (mm) | Shelves/ Positions |
|---|---|---|---|---|
| TC/150/KE/KS | 150 | 600 x 500 x 515 | 1870 x 730 x 1335 | 2/4 |
| TC/225/KE/KS | 225 | 600 x 500 x 745 | 1870 x 730 x 1480 | 2/4 |
| TC/300/KE/KS | 300 | 600 x 500 x 1000 | 1870 x 730 x 1565 | 2/4 |
| TC/360/KE/KS | 360 | 700 x 670 x 765 | 1970 x 900 x 1480 | 2/4 |
| TC/450/KE/KS | 450 | 700 x 670 x 965 | 1970 x 900 x 1635 | 2/4 |
| TC/640/KE/KS | 640 | 700 x 670 x 1365 | 1970 x 900 x 2035 | 2/4 |
| TC/730/KE/KS | 730 | 700 x 670 x 1565 | 1970 x 900 x 2235 | 2/4 |
| TC/330/KE/KS/PT | 330 | 600 x 500 x 1120 | TBD | 2/4 |
| TC/390/KE/KS/PT | 390 | 600 x 500 x 1315 | TBD | 2/4 |
| TC/450/KE/KS/PT | 450 | 700 x 670 x 965 | TBD | 2/4 |
| TC/640/KE/KS/PT | 640 | 700 x 670 x 1365 | TBD | 2/4 |
| TC/730/KE/KS/PT | 730 | 700 x 670 x 1565 | TBD | 2/4 |

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.

For pass-through models please contact us regarding integration in room settings as sizes may change dependent upon configuration.

Operating Range – 105 to 138°C (0-2.4bar)

| Steam Generation Method | Integral | Direct |
|---|---|---|
| TC/XXX | TC/XXX/KE1 | TC/XXX/KS6 |
| **Enhancement Packages** | | |
| Pre/post vacuum system (50mbarA) and (for KE models) constant standby steam generator | TC/XXX/KE3 | TC/XXX/KS7 |
| Pre/post vacuum system (50mbarA) and (for KE models) constant standby steam generator with steam jacket | TC/XXX/KE5 | TC/XXX/KS9 |

XXX = size

## OPTIONS AND ACCESSORIES

| Cat No. | Description |
|---|---|
| TC/FIL/01 | Cat. 3 effluent retention upgrade (including 0.2micron exhaust filter)* |
| TC/TDP/01 | Thermal Paper Printer |
| TC/GCR/01 | Independent Graphic Recorder |
| TC/RDA/— | Remote Data Archiving - Various options: USB/Ethernet* |

Items marked * are factory fit options

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

Please note that this product is currently in development, all information, including dimensions and designs are subject to change.