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Autoclaving Systec Autoclaves / Xpert Range



For an autoclave that is used for specialist applications, you may need to have a system that can be tailored to the needs of your laboratory. In such a case, your choice should be a product from the Xpert Range.

The Xpert Range comes complete with integrated steam generator that radically speeds up the whole autoclaving process.

As well as allowing you to create an autoclave specifically for your particular needs, this product comes with a range of enhanced options including the 'Superdry' function. This function enables garments to be autoclaved and emerge from the process totally dry.

Fully automatic with 12 programmes and 2 test programmes to choose from, this range has capacity options from 23 to 200 litres, providing the ideal autoclave whatever your circumstances. There is also an RS232 interface on these models to facilitate external data transfer as well as 'Autofill', a de-mineralised water feed for steam generation.

Operator safety was a high priority when designing these autoclaves and features such as the innovative safety door lock have been introduced as standard. The door-locking system is temperature dependent, according to international standards, so that the door remains locked as long as there is excess pressure in the chamber.

The following options are also available on the Xpert Range:

- Rapid cooling
- Pre- and post-vacuum
- Air exhaust filtration
- Drying (Superdry) in conjunction with optional vacuum system
- Extension of temperature and pressure to 150°C/5 bar (on the DE65 to DE200 only)
- Printer and PC Software

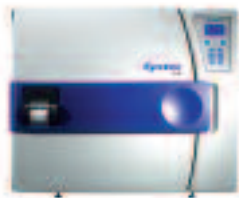
As well as being easy to clean, all our autoclaves have the following standard features:

- Sterilisation temperature up to 140°C, steam pressure up to 4 bar
- Automatic door closure with safety-lock system
- Thermal door lock controlled by pressure and medium temperature according to Pressure Vessel Regulations
- Corrosion resistant housing and frame
- Common collector connection for all outlets
- Validation port
- Safety pressure release valve
- Safety cut off at low water level
- Safety cut off at excess temperature
- Base plate for vessels and baskets

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Whatever the size of your laboratory or the throughput, there will be an autoclave in this range that can be tailored to your needs.

Benchtop Models



| Model | Chamber Volume (total/nominal litres) | External Dimensions (W x H x D) in mm |
|--------|---------------------------------------|---------------------------------------|
| DX-23 | 25 / 23 | 555 x 500 x 650 |
| DX-45 | 50 / 45 | 695 x 550 x 745 |
| DX-65 | 70 / 65 | 750 x 630 x 770 |
| DX-90 | 95 / 90 | 750 x 630 x 970 |
| DX-100 | 110 / 100 | 850 x 730 x 810 |
| DX-150 | 160 / 150 | 850 x 730 x 1050 |
| DX-200 | 210 / 200 | 850 x 730 x 1300 |

Vertical Models



| Model | Chamber Volume (total/nominal litres) | External Dimensions (W x H x D) in mm |
|--------|---------------------------------------|---------------------------------------|
| VX-40 | 45 / 40 | 500 x 920 x 740 |
| VX-55 | 60 / 55 | 500 x 920 x 740 |
| VX-65 | 70 / 65 | 550 x 960 x 780 |
| VX-75 | 80 / 75 | 550 x 960 x 780 |
| VX-95 | 100 / 95 | 550 x 1080 x 780 |
| VX-100 | 110 / 100 | 650 x 985 x 900 |
| VX-120 | 130 / 120 | 650 x 985 x 900 |
| VX-150 | 160 / 150 | 650 x 1110 x 900 |

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The programmes available on Xpert Range autoclaves are:

- 1-3 Solids
- 4-5 Waste "Destruction bags"
- 6 Liquid waste with controlled steam exhaust for cooling
- 7 Liquid waste with self-cooling
- 8-10 Liquid media with controlled steam exhaust for cooling
- 11 Liquid media with self-cooling
- 12 Cleaning
- 13 Vacuum test (only in combination with optional vacuum system)
- 14 Bowie Dick test programme

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