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Autoclaving Systec Autoclaves / Basic Range



This range of autoclaves has been specifically developed for straightforward laboratory applications. If you just want to load up, switch on, and go then this could be the autoclave for you.

Fully automatic with 3 programmes to choose from, this range has both vertical, free-standing options and benchtop models, in capacities from 23 to 200 litres. Each machine operates by generating steam through heating elements located inside the chamber.

The only additional option you need to consider is whether you require a printer for documentation.

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.

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

Benchtop Models



Model	Chamber Volume (total/nominal litres)	External Dimensions (W x H x D) in mm
DB-23	25 / 23	555 x 500 x 650
DB-45	50 / 45	695 x 550 x 745
DB-65	70 / 65	750 x 630 x 770
DB-90	95 / 90	750 x 630 x 970
DB-100	110 / 100	850 x 730 x 810
DB-150	160 / 150	850 x 730 x 1050
DB-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
VB-40	45 / 40	500 x 920 x 740
VB-55	60 / 55	500 x 920 x 740
VB-65	70 / 65	550 x 960 x 780
VB-75	80 / 75	550 x 960 x 780
VB-95	100 / 95	550 x 1080 x 780
VB-100	110 / 100	650 x 985 x 900
VB-120	130 / 120	650 x 985 x 900
VB-150	160 / 150	650 x 1110 x 900

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The programmes available on the Basic Range are:

1. Solids
2. Waste "Destruction bags"
3. Liquid waste with controlled steam exhaust for cooling

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