

Advance Autoclave





Advance Autoclave

Designed to give you more for your money with a high capacity for faster throughput:

The Advance has a much bigger capacity than its main competitors and yet has one of the smallest footprints on the market. This means it can take 6 full size dental trays, 12 of our 10 instrument clip trays, 18 of our 5 instrument trays or 24 of our 3 instrument trays. This high capacity gives you a faster throughput of instruments and therefore improves efficiency and reduces costs, whilst taking up much less valuable space.

With our own specially-designed clip trays, instruments can be transferred seamlessly from the UltraClean II washer disinfector directly into the Advance – eliminating sharps injuries and instrument damage.

More features and benefits...

- Vacuum models are fully compliant to HTM 01-05 best practice guidelines – and also have a non vacuum cycle for real flexibility of use (A vacuum cycle is required for porous, pouched or hollow instruments; a non vacuum cycle is suitable for loose, solid instruments)
- Available with either 16 or 22 litres capacity chamber – choose the one that suits your requirements
- Features a single use water system – removing debris every cycle, thus reducing wear and tear on your instruments – whilst the direct feed option saves time and money
- Quiet, touch button operation and wide choice of cycles for maximum efficiency and ease of use
- Superb engineering, design excellence and superior quality – the Advance is made in the UK and comes complete with a two year warranty* for real peace of mind - every unit is fully tested and validated before leaving the factory
- Can be used with either a data logger or printer for easy, recordable data capture – essential for compliance.

* Excludes door gasket, internal furniture, air filter and consumables.

Now featuring automatic thermal reset – no lengthy 'down time' due to the occasional accidental overload



Advance



Technical Specification

Product Name: Advance Autoclave

Model Options: **'B' Vacuum Models** **'N' Non Vacuum Models**

16 litres

22 litres

16 litres

22 litres

Specification	Type B Vacuum		Type N Non Vacuum	
	16	22	16	22
Chamber capacity (litres)	16	22	16	22
Max instrument length (mm)	290	420	290	420
Width (mm)	480	480	480	480
Height (mm)	410	410	410	410
Depth (mm)	440	610	440	610
Max net weight (kg)	35	37	35	37
Chamber diameter (mm)	250	250	250	250
Chamber length (mm)	330	430	330	430
Max load weight Kg:				
Solid unwrapped	6	6	6	6
Wrapped	2	2	-	-
Porous	1	1	-	-
Operating pressure (bar)	2.05	2.05	2.05	2.05

Cycle times							
Cycle	For	Min Sterilizing Temp °C	Sterilizing Time (Mins)	Cycle Time (Mins)	Vacuum Autoclave	Non Vacuum Autoclave	Drying
Standard (Type B)	Porous loads, wrapped, pouched, solid or hollow instruments	134	3.5	53	✓	-	✓
Extended (Type B)	Porous loads, wrapped, pouched, solid or hollow instruments	134	18	67.5	✓	-	✓
N+	Cycle for non pouched instruments with drying.	134	3.5	20	✓	-	✓ (Optional)
Bowie Dick Helix	Steam penetration test	134	3.5	38	✓	-	-
Sensitive (N)	Unwrapped solid instruments	121	15.5	27.5	✓	✓	✓ (Optional)
Standard Cycle (N)	Unwrapped solid instruments	134	3.5	17.5	✓	✓	✓ (Optional)

Advance cycle options

Choose the right cycle according to the type of load you need to sterilize.

Vacuum autoclave Type B

The Type B vacuum autoclave is designed for the sterilization of linen, wrapped, hollow or solid items. The vacuum unit has a pump removing the air inside the chamber. The vacuum cycles operates as a triple fractionated pulse where the air is removed 3 times before the steam injection. This process ensures perfect sterilization every time.

Non vacuum autoclave Type N

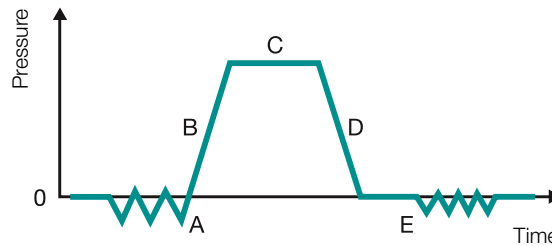
The Type N non vacuum autoclave is designed for the sterilization of solid instruments only. The air inside the chamber is removed by thermodynamic air displacement, the steam produced by the boiler pushes the air out of the chamber thoroughly sterilizing the instruments.

Type N+ cycle

The N+ cycle available on the Advance B allows the sterilization of solid instruments in pouches due to the addition of a single vacuum pulse before sterilization and a full drying programme.

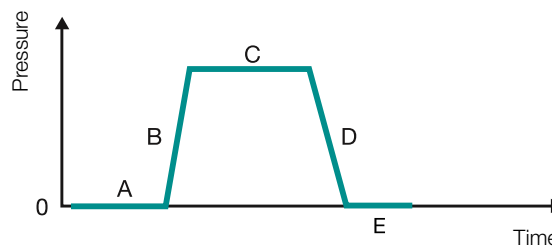
	Sterilizing Temp	Sterilizing Time	Vacuum Autoclave	Non vacuum Autoclave	Drying
Cycle B	134°C	3.5 min	✓	X	✓
Cycle B	134°C	18 min	✓	X	✓
Test Pack Cycle	134°C	3.5 min	✓	X	X
Cycle N+	134°C	3.5 min	✓	X	✓ (optional)
Cycle N	134°C	3.5 min	✓	✓	✓ (optional)
Cycle N	121°C	15.5 min	✓	✓	✓ (optional)

Cycle process Type B vacuum autoclave



- A: Triple fractionated pulse
- B: Temperature increases
- C: Sterilization time at 134°C for 3.5 min or 18 min
- D: Depressurization
- E: Drying

Cycle process Type N non-vacuum autoclave



- A: Start
- B: Temperature increases
- C: Sterilization time at 134°C for 3.5 min or 121°C for 15.5 min
- D: Depressurization
- E: Drying

Furniture and Accessories

Part No	Description
279534	Strainer Vessel
309081	10 Instrument Clip Tray x 2
309082	10 Instrument Clip Tray x 12
309066	258 x 182mm Stainless Steel Pouch Tray (16 litre models)
309071	398 x 177mm Stainless Steel Pouch Tray (22 litre models)
279483	Tray Colour Indicators (2 x 4 colours)
279522	Instrument Tray/Rack Carrier
289132	Instrument Tray Carrier Rack 3 Tray
279007	Instrument Tray/Rack Lifter
259277	TST Sterilizing Indicator Strips
309031	Bowie Dick Test Pack
279552	Air Filter (500 cycles)
279493	Autoclave Cleaning Solution (1 litre)
289138	Autoclave Cleaning Kit - Sealing gasket, 1 litre cleaning solution, 1 cleaning cloth, scouring pad, dome nuts and 'O' rings
289102	Printer Ribbon
279505	Printer Roll x 10
739049	Water Softener System - includes 10kg salt and installation kit
309042	Air Leak Detector Test Kit
276395	5 Instrument Clip Tray x 3
276396	3 Instrument Clip Tray x 2



Infection Control?

3 Easy steps to better practice with Prestige Medical

The Advance Autoclave is just one key step in your quest to comply with and exceed the guidelines for infection control.

Prestige Medical provide **Integrated decontamination solutions** - products and services to help you at every step of your infection control procedure of washing, sterilizing and recording data.



Sterilization as easy as 1-2-3

Enjoy the benefits of a fully integrated decontamination solution:

Prestige Medical products all work beautifully together and are designed to give you a smooth, hands-free sterilization process. This ensures the highest standards of sterilization and infection control, giving you peace of mind in your day-to-day business operation.



Use the fully compliant UltraClean II washer disinfector dryer



Sterilize effectively with the correct vacuum or non-vacuum autoclave from Prestige Medical



Record the cycle data following the correct procedures as specified in HTM 01-05



= full compliance

Compliant to International standards and Guidelines
BS EN 13060:2004
EN 15883
HTM 01-05

Contact us for a free, independent infection control risk assessment of your premises, or for advice on decontamination rooms.

Prestige Medical - integrated decontamination solutions

For over 20 years, Prestige Medical has been respected as a class leader in the development and manufacture of sterilization and disinfection equipment. With over 1 million units delivered into over 80 countries worldwide, we have built an enviable reputation for innovation, performance and trust.

standards and guidelines

Designed and manufactured to comply with the following standards and guidelines:

- 93/42/EEC European Medical Device Directive
- 89/336/EEC European Electromagnetic Compatibility Directive
- EN 13060 Small Steam Sterilizers
- IEC 61010 Equipment Electrical Safety
- ASME VIII div 1 Pressure Vessel design
- HTM 2010* NHS Sterilization Guidelines
- HTM 2031 Clean Steam for Sterilization
- HTM 01-05 Decontamination in Primary care dental practices

* With air leak detector test kit fitted (Part code: 309042)

- ISO 9001 Quality Management Systems
- ISO 13485 Medical Device Quality Management Systems



Contact us for advice on infection control



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Due to a continuous process of development, Prestige Medical reserves the right to amend the specification of products and services without notice.