





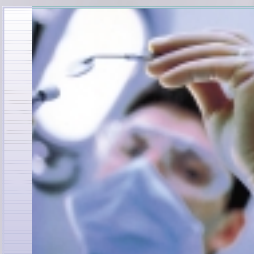
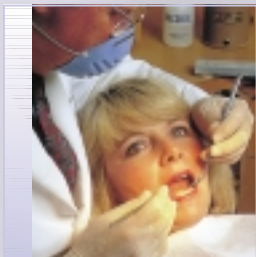
# The *Ultimate* Vacuum Handpiece Autoclave

The new **Zenith** is unique - a fully specified Type 'B' autoclave which has been designed specifically for the rapid sterilization of complex, hollow instruments, including dental handpieces.

Possessing the ability to meet the demanding needs of all dental and healthcare professionals, the new **Zenith**, with its unrivalled speed, flexibility and ease-of-use, offers the ultimate choice for effective, reliable instrument sterilization.

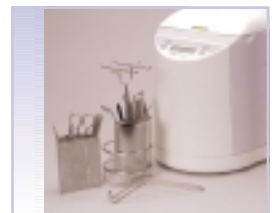
*"Vacuum Autoclaves  
Are The Method Of  
Choice For Sterilizing  
Wrapped and Hollow  
Instruments"*

"Infection control in Dentistry -  
Proceedings of the British Dental  
Association Workshop" February 2002



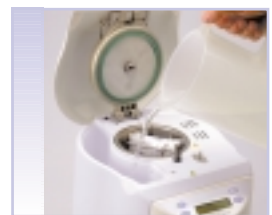
## Versatile loads

- Stainless steel furniture can be easily configured for sterilizing pouched or unpouched instruments.
- Furniture provides capacity to sterilize up to ten pouched handpieces.
- Self sealing instrument pouches with sterilization indicators are available in two sizes.
- Two, large capacity baskets enable unpouched items to be sterilized.
- Vertically orientated chamber allows full use to be made of it's 2.5 Litre capacity.



## Single Use Water System

- Uses clean, uncontaminated water for each cycle.
- Fully accessible reservoir is easy to refill.
- Only the required volume of water is used for each cycle.
- 0.75 litre reservoir of fresh water is sufficient for 10 cycles.
- Used water container easily removed for emptying.
- Fail safe mechanism indicates when used water container requires emptying.





- **Triple Pulse fractionated vacuum cycle** - ensure more effective air removal allowing all loads to be sterilized safely and effectively.
- **Bowie Dick & Helix steam penetration tests** - gives you peace-of-mind, knowing the autoclave continues to operate effectively at all times.
- **Single shot water system** - prevents the build up of contaminants within the reservoir, allowing for easy cleaning and, a more hygienic starting point for each sterilization cycle.
- **Automatic air leakage detection test** - ensures that if there is a problem with the vacuum system, the sterilizing cycle will not operate.

# Technical Specification

Chamber Capacity	2.5 Litres
Overall product width	270 mm
Overall product height	(Lid closed) 360 mm (Lid open) 525 mm (height required for furniture removal) 700 mm
Overall product depth	355 mm
Net weight	12.4 kg
Chamber diameter	110 mm
Chamber depth	254 mm
Useable depth	(unpouched instruments) 210 mm (pouched instruments) 175 mm
Max instrument length	210 mm
Porous Load Size	150x75x38 mm
Max instrument load weight	(pouched) 1 kg (unpouched) 1 kg
Sterilizing cycles	134 °C/3mins 134 °C/18mins
Operating pressure	2.05bar
Voltage/wattage	230v/2200w
Frequency - vacuum	50Hz

The policy of Prestige Medical is one of continuous development.  
The right is reserved to change the specification and prices of the models and items illustrated and described in this brochure at any time.

## Designed to comply with the following standards

- Medical Devices Directive (93/42/EEC)
- Electro Magnetic Compatibility Directive (89/336/EEC)
- prEN13060
- Pressure vessel to ASME Section VIII
- BS EN 61010 Parts 1 & 2



ISO 9001  
No. FM 31988



0086



EN 46001 Cert. No. 1354

**Investing in sterilization - worldwide  
Excelling in quality, safety and service**

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Edgbaston, Birmingham B16 8PZ England  
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## Control and display panel

The touch sensitive control panel with LCD display has been designed to be as simple to use as is possible.

The selection, acceptance and commencement of the preferred cycle is done simply at the press of a button.

## Six Automatic Cycles

- 134 °C/ 3 minute Type B vacuum cycle for linen loads, wrapped, pouched or unpouched instruments, with drying.
- 134 °C /18 minute cycle
- 134 °C/3 minute vacuum cycle for unpouched solid or hollow instruments, with drying.
- 134 °C/3 minute vacuum cycle for unpouched solid or hollow instruments, without drying.
- Non-vacuum cycle for unpouched instruments, with drying.
- Non-vacuum cycle for unpouched instruments, without drying.

## Optional printer

The printer module provides a permanent record of all cycles.

For further details and to arrange a free demonstration contact: