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# Medical Precision... **Engineered To Perform**

series 400<sub>B</sub>

Series 400<sub>B</sub> Autoclave





series 400<sup>B</sup>

### Series 400B Features & Benefits:

Feature	Benefit
Fast cycle time	Fewer instruments are required due to quick turn around time.
Patented automatic door-closing system	Eliminates hard-to-close doors.
USB Data Port	Latest technology enables easy transfer and storage of cycle, date and diagnostics to a PC. Capable of recording 30,000 cycles.
Vertical tray loading	For efficient drainage and enhanced drying of wrapped instruments.
Long life heating element	Minimises service and repair costs.
Built-in diagnostic system accessible from front panel	For quick and easy service and maintenance.
Type B steriliser as defined by European Norm EN 13060 - 2004.	Can be used to sterilise all objects (solid instruments, porous objects and hollow objects, both wrapped and unwrapped)
Bowie & Dick Test	Available as a programme on the front control panel.



## Effective sterilisation... A fact of life.

The use of sterile instruments and equipment on patients in the medical/dental world is a vital fact of life, to minimise the risks posed by cross infection. Ensuring that a wide variety of instruments and equipment are effectively sterilised prior to use, is important. How can you be sure that the instruments you are using have been sterilised correctly?

## Unident... Leading the way.

For over 30 years, Unident has been active in the field of Infection Control. We have worked closely with our research and development partners, to create innovative solutions to meet and exceed the latest regulations in this critical field.

## New Unident Series 400B Autoclave - Reliability and consistency assured.

In its latest series of type B autoclaves, Unident has once again delivered elegant state of the art machines engineered to perform to the optimum standards demanded by today's medical and dental practitioners.

The new technology in the Series 400B, ensures the highest standards of performance and reliability, in this highly advanced and yet elegantly simple machine.

## Fractionated vacuum sterilisation system.

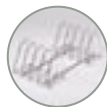
The effective creation of a vacuum within the autoclave chamber, is fundamental in ensuring that air is not able to form pockets. The formation of air pockets, within the chamber, can have a negative effect on the sterilisation process, by preventing instruments from coming in to direct contact with the steam.

The series 400B autoclave employs three separate vacuum stages. This is to ensure optimum expulsion of air in the initial phase, together with a final vacuum stage to ensure perfect drying of the instruments.

Using this fractionated vacuum system the Series 400B is able to sterilise even the most difficult materials, such as hollow instruments and critical porous loads.

## Vertical loading of instruments for better drying.

The unique loading system of the Series 400B, dictates that wrapped instruments are loaded vertically. This prevents an accumulation of water around the instruments, meaning better drainage and enhanced drying. Unpacked instruments can also be loaded on horizontal trays.



The Series 400B is supplied with 2 support racks for wrapped instruments and 1 horizontal tray for unwrapped instruments. However, up to 2 support racks or 6 horizontal trays can be loaded at any one time.

## Harvey® DI+ Demineralisation Unit.

Included as standard is the Harvey® DI+ Demineralisation Unit, this means no more buying and handling of distilled water. The system automatically fills and drains the Series 400B. It connects directly to the tap water supply and ensures the removal of impurities, such as calcium and magnesium.



## Automatic door closing system.

A patented automatic door closing system is included within the Series 400B. When the start button is pressed, the door closes and locks without any need for manual intervention. This system guarantees total control over the correct operation of the sterilisation cycle. At the end of the cycle the door automatically opens to enable the load to be withdrawn.

## 32% quieter.

The technical enhancement of the pump on the Series 400B, means a reduction in noise of approximately 32%, when compared with its predecessor. This makes it an ideal machine to be used in a surgical environment when space is a premium, without causing distraction.

## USB Data Port.

Utilising the latest interface technology, the new CycleStor™ USB Flash Drive enables the sterilisation process to be accurately recorded and transferred to a PC. The CycleStor™ USB is capable of recording 30,000 cycles.



In addition, this USB drive enables critical diagnostic information to be downloaded to a PC, reducing the need for technical support, time and cost.

## Automatic cleaning system

The Series 400B incorporates an automated cleaning system. The system eliminates possible residue build up within the steam distribution circuits. Using the regenerating and cleaning tablets, AQTABS, the Series 400B has a 15 minute cleaning cycle. This will increase the lifetime of the machine and ensures that the chamber is always clean.

series 400B



series 400B

### Series 400B Technical Characteristics:

External dimensions:	L. 483 x D. 700 x H. 381 mm
Chamber size:	Ø 250 mm x H394 mm
Chamber capacity:	20 Litres
Maximum load weight*:	5.4kg
Quantity of demineralised water per cycle:	0.5 litre
Net weight:	52.2kg
Maximum power consumption:	850W
Average consumption:	200W
Supply voltage:	220 - 240V
Average cycle time*:	30 - 50 mins

\*Depends on cycle and load being processed.

### Optional Accessories for Series 400B:

- Thermosealers - These devices efficiently seal Unident SRO sterilisation sleeves to the dimension you require in a matter of seconds, Ref: Sealer10; Speedyseal12
- Bags - Transparent and self-adhesive bags with sterile indicator, Ref: SM0830; SM1030; SM1530
- Rolls - See-through tubing with sterile indicator, Ref: SRO50; SRO75; SRO100; SRO250S
- Spor<sup>®</sup>Test - Biological monitors to prove sterilisation in autoclaves and Chemiclave<sup>®</sup>, Ref: SM202, SM202\_6
- AQTABS - Regenerating and Cleaning tablets

### Series 400B Programme Cycles:

Programme	Parameters	Indication
S	3 min 135 °C	For all unwrapped instrument
B1	5 min 135 °C	For all wrapped instruments
B2	30 min 121 °C	For surgical packs and textile loads
B3	Prions 135°C - 18 min Selected by the operator From 105°C to 135°C From 3 min to 99 min	The operator can select the time and the temperature in order to sterilise special material.