



Lina



Lina MB The essentials of sterilization

Offering more benefits for less cost!

The Lina[®] addresses important considerations of efficiency and long-term operational costs. It is a modern quality built machine for today's environment, where economy, performance & compliance are the overriding requirements. The Lina is specifically designed with the evolving needs of the practice in mind.

Lina[®] MB17/MB22 has a low maximum power consumption of 1.7 kWh

With some sterilizers consuming both higher power and significantly longer cycle times, energy costs could be reduced by using the Lina[®] sterilizer, making real savings over a year and the lifetime of the sterilizer. With the exclusive ECO-B cycle, energy costs are reduced when performing a small load cycle.

Following purchase, W&H take continued care seriously.

The Lina[®], in keeping with the modern car, has longer service intervals with the major manufacturer's service coming at only 4,000 cycle intervals.

Our door seals, an important consumable part, will need replacing only every <800 cycles. Our bacteriological filter and dust filter can be changed by the operator at 400 cycle intervals with reminders on the screen to cover all of these functions.

Rapid ECO-B-cycle and delayed cycle facility

These functions increase the economy of the practice or department, ensuring that a continuous cycle of processing is readily achieved. The Lina[®] 'delayed cycle' facility allows further cycles to be run after surgery hours with the assurance of a dry load when the door is opened in the morning, or you can organise your test cycles so they are complete on your arrival. No warm-up cycle is required prior to the Bowie Dick/Helix test, saving yet more time and energy. The ECO-B cycle gives rapid processing of small loads in 28 minutes, including drying.

Only B cycle availability

Categorising instruments as solid, hollow A, hollow B or porous takes time, and also has risks associated with potential incorrect cycle selection which could result in items not being sterilized even though they have been through a 'sterilization cycle'. Lina[®] 500 series sterilizers only run B cycles, saving time and removing the risk of incorrect cycle selection.

Economy comes from innovation, design, the use of quality components and a commitment to our customers through training and aftercare.



Summary of Features for the W&H Lina[®] MB17/MB22 Vacuum B Sterilizer

Type of Load:

Full solid (probes, tweezers etc.), small porous (gauze, cotton etc.), full porous (80% of usable space), hollow lumen (handpieces, forceps, scissors etc.), simple hollow (vacuum tips, simple hollow items). All can be single (pouch) or double wrapped.

Dimensions and Operational requirements:

Dimensions:	Width: 450 mm / Height 435 mm / Depth 590 mm
Work Top depth required:	Ideal > 500 mm, minimum 470 mm using the adjustable feet position. <i>NB: with a minimum worktop depth of 470 mm the Lina[®] will overhang by 140 mm</i>
Clearance (minimum):	Side: 20 mm, Rear: 50 mm
Weight:	Without load 40.5kg, add up to 9 kg with water and chamber fully loaded
Power supply:	1 x 13 amp fused socket. (1 extra socket required for optional 'Safe' and 'Osmo')
Chamber Capacity:	17 litres / 22 litres
Chamber Dimensions:	250 mm Diameter, 450/550 mm depth
Weight of Load:	Universal Cycles : (max) Metal 4.0 kg/5.0 kg, Porous 1.5 kg/1.8 kg
Water Tanks:	2 x 3.5 litre capacities, separate clean water and used water tanks.
Draining:	From front of unit & port at the rear for remote used water draining {kit required}.
Tank Cleaning:	Both tanks accessible from top hinging lid.
Water consumption:	650 ml to 850 ml per cycle, 4-7 cycles from 1 filling.
Door:	Fully automatic, double safety - electrical and pressure lock, no handles or catches to operate.
Cool to Touch:	Composite temperature resistant surfaces are cool to touch even after repeated cycles.

Cycle Times: 134C. (According to mass of load)

Lina[®] MB17 ECO-B cycle >30 minutes 0.5kgs: Total Standard cycle, >45-59 minutes for a full 4.0 kg metal load

Lina[®] MB22 ECO-B cycle >35 minutes 0.5kgs: Total Standard cycle, >55-69 minutes for a full 5.0 kg metal load

Tests available:

Automatic Tests: Bowie Dick, Helix and Vacuum tests using a Validated Bowie Dick pack and Helix test kit. (MDA guidance SN2001 [24], EN 13060 & the latest guidance document HTM 01-05)

HTM 01-05: capability of being tested to the sections that are applicable to bench top sterilizers contained within the latest guidance document HTM 01-05 and (S) HTM2010. This is a standard feature on every Lina[®]

Water Quality: Water quality is constantly monitored and messages on the screen to alert the operator should the quality fall outside the parameters. >15 µs

Cycle Data Recording: Optional data recording via the Multiport with integral USB storage or optional data logger or Sprint printer. The data recorded includes cycle information, date and time, passed and failed cycles together with alarm messages.

LED Screen: Simple and intuitive to use cycle selection, test functions and cycle data retrieval. 2 step start function with menus for user information.

Servicing Installation & Testing:

Works Test: certified and validated according to EN 13060. The *Final Test* before installation is carried out with full documented evidence with every machine; this reduces the time and costs of initial installation and local commissioning.

Service: Major Service at 4,000 cycle intervals. W&H Technical Premium Service trained technicians carry out installation, site-maintenance and in-house assistance, repairs and servicing.

Validation: According to the latest UK Dental guidance, HTM 01-05, the sterilizer should be validated on installation and periodically thereafter according to the manufacturers' guidance. W&H are able (subject to conditions) to organise this work to coincide with routine servicing which will reduce costs and enable your practice to be compliant.

Warranty:

2 years or 2000 cycle manufacturer's warranty, whichever is the sooner and covering both parts and labour.

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