

VELOPEX XTENDER

Top specification processor designed to require minimum attention

Convenience, reliability, peace of mind

The Velopex Xtender offers the ultimate in x-ray film processing efficiency, reliability and convenience for the busy practice. The Xtender package comprises a top specification processor with high capacity auxiliary chemical reservoirs. An integrated recirculation pump provides automatic chemical filling and recycling for optimum chemical life.

High quality radiographs, fast

The Xtender saves time and reduces patient recalls. Dry-to-dry radiographs of high quality are available in just four minutes, supporting the dentist's diagnosis while the patient is still in the surgery. A preview facility allows fully processed endodontic films to be viewed wet within two minutes. The film transport speed can be doubled to allow extra-oral film to be viewed dry after 120 seconds. A preview facility allows fully processed endodontic films to be viewed wet within two minutes.

Unique film transport system

The key to the processor's performance and efficiency is the unique Velopex film transport system, which holds each x-ray film stationary and gently protected between two continuous permeable belts. This well-proven system virtually eliminates the risk of film loss and ensures uniform exposure to the chemicals for consistently excellent results.

Automatic processing

The Velopex Xtender is very easy to use. Switch on, and the processing chemicals are brought to working temperature automatically. Post the films through the loader entry slot in random size order and the machine's auto-sensor immediately initiates the processing cycle, developing them dry-to-dry automatically.

Electronic machine management

An electronic management system provides at-a-glance information on machine status. An indicator panel shows when the unit is warming up, when it has reached operating temperature, and how long before a posted film will appear. Audible signals advise that a film is safely within the transport system and that the next film can be inserted. Self-diagnostics warn of any fault in the machine's operation, displaying the relevant error codes to assist rectification.

Stand-by mode

A further audible signal announces that the final film has been processed, whereupon the Extra-X switches to stand-by mode, automatically maintaining the correct temperature for immediate further use.

Accepts all film sizes

The Extra-X develops all sizes of x-ray film from intra-oral to panoral and full skull format. The entry slot incorporates a built-in guide for organising small sized films.

Daylight operation

A convenient, rigid daylight loader eliminates the need for a darkroom with its associated risk of film fogging, and relieves staff from working with chemicals in a dark, confined space. The machine is available without a loader if required for darkroom use.

Deep processing tanks

Deep chemical tanks provide a long film transport path, ensuring generous contact with the processing solutions. The slim shape of the tanks keeps the surface area small, reducing the effects of chemical oxidation and evaporation.

High capacity reservoirs

The integral tanks are supplemented by auxiliary sealed reservoirs, creating a high capacity system with ample developer and fixer for heavy usage in the busiest practice.

Chemical recirculation

A specially designed triple pump connects the auxiliary reservoirs with the processor, automatically topping up the processing chemicals, recirculating the developer and fixer and gradually recycling the entire volume of chemistry. Continuous recirculation of the solutions within a sealed system extends their service life and helps maintain effective processing performance. The pump can additionally be used to recirculate a sealed wash-water supply, avoiding the need for connection to mains water.

Auto-filling from reservoirs

Charging the machine is simplified by self-filling from reservoirs. The recirculation system may also be used to simplify the cleaning of tanks at the time of chemical change.

Compact and easily installed

The compact, smartly-styled Xtender can be supplied with an optional robust stand, which also provides convenient housing for the auxiliary tanks and recirculation pump. Installation is simple, requiring only a power socket. The unit can either be plumbed in using a cold water supply and water outlet – or alternately with a closed-loop water reservoir independent of plumbing (a useful option where plumbing on site presents a problem).

Renewable service contract

For UK users, the Xtender presents a complete managed solution. Under a renewable service contract, a Velopex engineer will visit to undertake a full chemical change. In addition, the processor is cleaned, inspected and tested twice-yearly to ensure it is operating at maximum efficiency.

Accessories

Machine stand: Robust metal stand, delivered flatpacked for easy assembly

Daylight loader: Converts a darkroom-only machine into a daylight processor



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Dimensions:	width: 510mm (20") depth: 740mm (29") with daylight loader 470 (18.5") without daylight loader height: 340mm (13.5") overall
Weight:	21Kg (46¼ lb) empty 30Kg (66¼ lb) with full tanks
Tank capacity:	3.8l (6.75 Imp. pints) each
Operating Temperature:	Water - should not exceed 82.4°F (28°C) Developer: 77°F (25°C) / 86°F (30°C) Fixer: 86°F (30°C) / 91.4°F (33°C)
Power requirement:	100-120v, 200-240v (50/60Hz)
Warm-up time:	10 mins approx
Film feed speed:	470mm (18 ½") per min
Max film width:	260mm (10¼")
Processing time:	Dry: 4 mins approx Wet-Endodontic: 2 mins approx
Input Power:	1150W
Environment Temperature:	41°F - 82 °F (5 °C - 27.7 °C)
Complies with:	IEC 61010 - 1:2001 (2nd Edition) EN 61010 - 1:2001 (2nd Edition) UL 61010 - 1 July 12, 2004 deviations CAN/CSA-C22.2 NO. 61010- 1 EN 60601 - 1 - 2:2001

1. Endodontic film in as fast as 60 seconds (on fast cycle)

On standard cycle film will be available in 120 seconds.

Film will be required to be washed and dried after viewing.

2. Speed Control

Fast cycle - 150 seconds (Extra-Oral film)

Standard cycle - 300 seconds (Intra-Oral film)

3. Multi-function LED display

Alerts the operator when the film is ready for collection.

Temperature condition, choice of cycle speed are also displayed as are a comprehensive sequence of error codes - if any faults occur.

4. Touch Panel initiation switch

5. Electronic Film Sensing System

Brings machine out of stand-by on film entry

6. Replenishment/ Recirculation

Also used for filling unit with chemicals



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