

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 processor saves time and reduces patient recalls. Dry-to-dry radiographs of high quality are available in just five minutes, supporting the dentist's diagnosis while the patient is still in the operatory. A preview facility allows endodontic films to be viewed wet within 150 seconds (archival).

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 of the film 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 entry slot in any order irrespective of size 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 Xtender switches to stand-by mode, automatically maintaining the correct temperature for immediate further use, and saving electrical power and water.

Accepts all film sizes

The Xtender develops all sizes of x-ray film from intra-oral (22 x 33mm) to panoramic and full skull format (240 x 300mm). The entry slot incorporates a built-in guide for organising small sized films.

Daylight operation

A convenient, rigid daylight loader can be supplied when required. This 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 loader may be fitted later if the unit is to be upgraded from darkroom-only use.

Deep processing tanks

Deep chemical tanks provide for 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.

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).

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.

Accessories

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

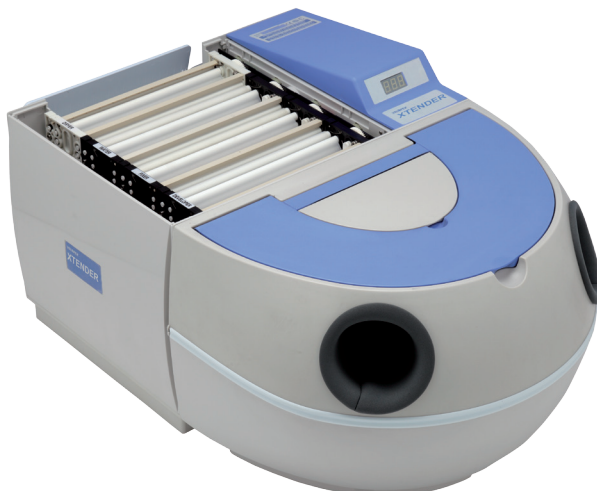
Daylight loader: Converts a darkroom-only machine into a daylight processor

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DIMENSIONS:

Width: 510mm/20"

Height: 340mm/13.5"

Depth: 470mm/18.5" (- daylight loader)
740mm/29" (+ daylight loader)

WEIGHT:

Empty: 18.5Kg (40.7 lb)

Full tanks: 24.5Kg (53.9 lb)

TANK CAPACITY:

3.8 Litres/ 6.75 Imp pints each

VOLTAGE:

100-120V, 200-240V (50/60Hz)

CHEMICAL TEMP:

Developer: 25.5°C (77°F)

Fixer: 27.5°C (81.5°F)

WARM-UP TIME:

10 minutes approx.

FILM FEED SPEED:

470mm (18.5") per min

MAX FILM WIDTH:

260mm (10.2")

PROCESSING TIME:

Dry: 5 mins approx.

Wet: 2.5 mins approx.

COMPLIES WITH:

IEC61010-1:2001 (2nd edition)

EN 61010-1:2001 (2nd edition)

UL 61010-1 July 12, 2004 deviations

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DAYLIGHT LOADER OPTIONAL