

# EXTRA-X

High performance automatic daylight processor  
for intra-oral and extra-oral x-ray films



## High quality radiographs, fast

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

## 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 Extra-X 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 in without further attention.

## 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 and saving electrical power and water.

## Accepts all film sizes

The Extra-X develops all sizes of x-ray film from intra-oral (22 x 35mm) to panoram 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 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.

## Processing and chemical quality management

Included with the Extra-X processor package is the Visccheck™, electronic reader. Visccheck accurately signals when the processor chemistry requires changing, and helps maintain the highest quality standards of imaging.

## Compact and easily installed

Occupying little space on counter top or optional machine stand, the smartly-styled Extra-X is among the most compact processors in its class. Installation is simple, requiring only a suitable power socket, cold water supply and water outlet.

## Minimal maintenance

Routine chemical replacement and cleaning are quick and straightforward, and the entire machine is designed for long life, maximum reliability and simple user servicing. The unique modular construction of the film transport system ensures that, should a transport module ever require renewal, it can be replaced in seconds at modest cost.

## 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

CAN/CSA-C22.2 No.61010-1

## DAYLIGHT LOADER OPTIONAL