

VELOPEX INTRA-X Mk 5

Compact, high performance automatic daylight processor for intra-oral x-ray films

High quality radiographs, fast

The Intra-X processor 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 even be doubled to allow endodontic films to be viewed after 60 seconds, for checking reamer positioning during endo procedures.

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 Intra-X 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 develops them dry-to-dry in four minutes without further attention.

Electronic machine management

An electronic management system provides at-a-glance information on machine status. The 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 Intra-X switches to stand-by mode, automatically maintaining the correct temperature for immediate further use.

Daylight operation

A convenient, rigid daylight loader is available for the Intra-X. This eliminates the need for a darkroom and relieves staff from working with chemicals in dark,

confined spaces. It also reduces the risk of film fogging commonly associated with poorly constructed darkrooms. The loader is easily fitted and removed, and may be retro-fitted to Intra-X machines ordered to darkroom-only specification.

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.

Processing and chemical quality management Included with the Intra-X processor package is the Vischeck™ quality control system. Vischeck accurately signals when the processor chemistry requires changing, and helps maintain the highest quality imaging.

Compact and easily installed

The Intra-X is compact, occupying a counter space no larger than an A3 sheet of paper, and it is attractively designed to complement the modern surgery environment. No plumbing-in is required. Installation is merely a matter of filling with developer, fixer and water, then connecting to a standard power socket.

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.





Dimensions:	width: 290mm (11½")
	depth: 635mm (25") with daylight loader
	435 (17") without daylight loader
	height: 315mm (12½") overall
Weight:	9.5Kg (21 lb) empty
	13.7Kg (30 lb) with full tanks
Tank capacity:	1.4l (2½ Imp. pints) each
Operating Temperature:	Water - should not exceed
	82.4F (28°C)
	Developer: 77F (25°C)
	Fixer: 86F (30°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:	65mm (2½")
Processing time:	Dry: 4 mins approx
	Wet-Endodontic: 2 mins approx
Input Power:	1000W
Environment Temperature:	41°F - 78.8 °F (5 °C - 26 °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 Interrupt Facility

2. Air Vents

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. Daylight Loader

5. Hand Entry Ports

6. Viewing Window

7. Film Collector

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