



KONICA MINOLTA

# SRX-701

High Volume Processor



***Ideal for high volume departments, trauma emergency areas and special procedure suites.***

***Five Processing Speeds: 45, 60, 90, 110, and 180 second cycles for complete versatility.***

***High Volume Output: Delivers up to 365 films per hour.***

## Intelligent Control System

Microprocessor-based circuitry precisely regulates vital functions, including: temperature stability, replenishment metering, standby timers, processing cycle selection, and self diagnostic software. A back-lit liquid crystal display communicates processor status information and a menu-driven control program prompts settings. An integrated start-up timer, programable on a daily basis, automatically turns on the processor and warms the processing solutions to reduce waiting time.

## Computerized QA Monitoring

An integrated computer captures essential data, such as: film usage by individual size, chemistry consumption, and real-time developer and fixer temperature stability. Collected data can be reviewed on the display window or hard copy can be generated via a standard computer printer interface.

## Temperature Control System

Independent developer and fixer heat exchangers and circulation pumps stabilize solution temperatures for maintaining precise processing conditions. An efficient hot air drying system rapidly and uniformly dries each film, even at maximum processing volumes.

## Auto Drain/Auto Fill Functions

As an added benefit, the wash tank will automatically drain when the processor is switched off. This helps prevent micro-organisms and other problems associated with standing water. Fresh water is then automatically supplied to the wash tank when the unit is switched back on. The efficient wash system requires just one gallon of ambient cold water per minute while processing films.

## Film Transport and Drive Systems

A high performance 17-inch wide roller transport system assures reliable film travel, especially during Super Rapid processing. Torque-balanced crossover racks incorporate an efficient rinsing technique to reduce routine maintenance.

## Installation Options

Conventional Darkroom:

The SRX-701 can be installed in any of these darkroom configurations.

- Mounted through the darkroom wall at the film feed end (back): processor body located outside darkroom.
- Mounted through the darkroom wall at the film exit end (front): processor body located inside darkroom.
- Freestanding: processor standing completely inside the darkroom.

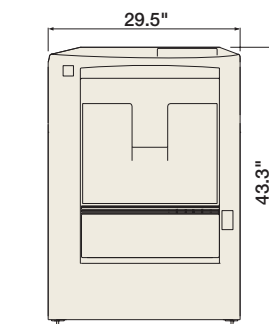
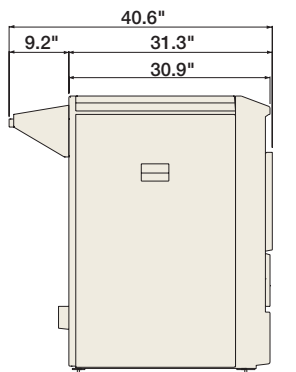
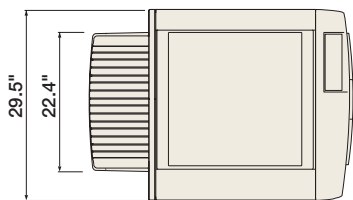
## Film Detection and Replenishment Systems

Infrared photoelectric detectors sense each film as it is inserted. Roller transport operation is automatically initiated and the film is scanned, measured, and its surface area is calculated. Bellows metering pumps are automatically activated to deliver precise replenishment volumes, eliminating waste. Rates may be increased or decreased up to 50% in 0.5% increments from the control panel.

The essentials of imaging

## Outer Dimensions of SRX-701

Dimensions: 750 x 785 (1030 incl. the insertion table) x 1100mm  
(W x D x H) 29.5 x 30.9 (40.6 incl. the insertion table) x 43.3 inch



## SRX-701 Specifications

<b>Film Transport Method</b>	Continuous roller transport		
<b>Film Type and Sizes</b>	Sheet film, 10x10cm–35x43cm sizes (14"x17")		
<b>Processing Capacity</b>	Cycle/Size	10x12inch or 24x30cm	14x17inch (35x43cm)
	45 sec.	500	365
	60 sec.	380	275
	90 sec.	300	215
	110 sec.	220	160
	180 sec.	170	120 (sheets/hr)
<b>Process Cycle Switching</b>	Easy operation via the control panel.		
<b>Processing Solution Volumes</b>	DEV tank	: 13.5 liters (3.56 gallons)	
	FIX tank	: 13.5 liters (3.56 gallons)	
	WASH tank	: 9.5 liters (2.51 gallons)	
<b>Drying System</b>	Forced hot air circulation method		
<b>Circulation System</b>	Continuous pumping of developer and fixer solutions.		
<b>Temperature Control</b>	Processing solution temperature; Controlled by the temperature control tank, with the thermistor monitoring, with the heater heating and with the wash water cooling.		
	Drying temperature; Controlled automatically according to a fixed temperature setting.		
<b>Replenishing System</b>	Replenishing volume for the film sheet is calculated with exchanging 10x12 inch film.		
<b>Wash Water</b>	Ordinary tap water 41–86°F (5–30°C)		
	Water pressure 147–686kPa (1.5–7kgf/cm <sup>2</sup> ) (21–99.5psi)		
<b>Water Supply</b>	3.8 liters (1.0 gallon) /min. The flow control valve is equipped.		
<b>Standby Functions</b>	Jog cycle standby, night standby and weekly standby.		
<b>Power Source</b>	AC 208/220/230/240V, single phase, 30A, 60 Hz.		
<b>Weight</b>	360lb (447lb with processing solutions)		
	162kg (201kg with processing solutions)		
<b>Certification</b>	Conforms to UL, FDA		
<b>Applied Standard</b>	FCC		
<b>Heat Generation</b>	Approx. 1670kcal/hr(6980kJ/h, 6500 BTU's) max.		
<b>Noise Level</b>	Approx. 60dB (A) max.		
<b>Operating Condition</b>	59–86°F (15–30°C), 30–75%RH (no condensation)		
<b>Electromagnetic Compatibility</b>	Compliance with EN60601-1-2		
<b>Accessories</b>	Polyethylene beaker, Graduated cylinder, Funnel, Splash guard, Hand crank, Strainer, Flow restrictor, Installation parts kit, Replacement parts kit, and Operation manual.		
<b>Optional Equipment</b>	Light shield panel		

\*The above specifications are subject to change without prior notice.

## Konica Minolta Technical and Professional Installation and Service

As a world-class organization, Konica Minolta Medical Imaging is dedicated to providing our customers with quality installation, technical support and service through a nationwide network of full line dealers. Our professional service experts are available locally to ensure that your equipment and medical imaging business runs at peak performance.

Our Authorized Full Line Dealers also provide Konica Minolta Medical Imaging film, as well as, related supplies and accessories to support each and every customer's needs.



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