

**INDUSTRIAL
FILM PROCESSOR**
FPM
6000SP
NDT



A New Industrial X-ray Film Processor Designed to Optimize Productivity

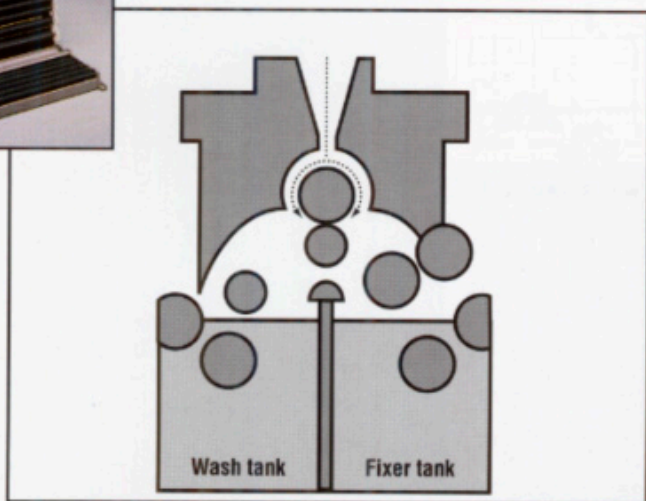
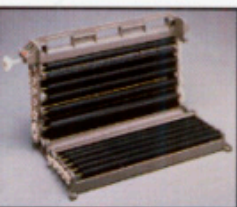
Design innovations in the FPM6000SP NDT's fixer crossover rack cleaning system and film drying system are the keys to improved X-ray film processing. Reducing labor-intensive daily maintenance, speeding up operation and even improving film quality, these advances make this new processor ideal for high and low volume X-ray departments. The FPM6000SP NDT processes film fast and automates many routine operating and cleaning functions. Like other Fujifilm systems, the FPM6000SP NDT is designed for clean operation in the workplace and to minimize waste materials.



Conforms to ASTM E1815
Processing Parameters

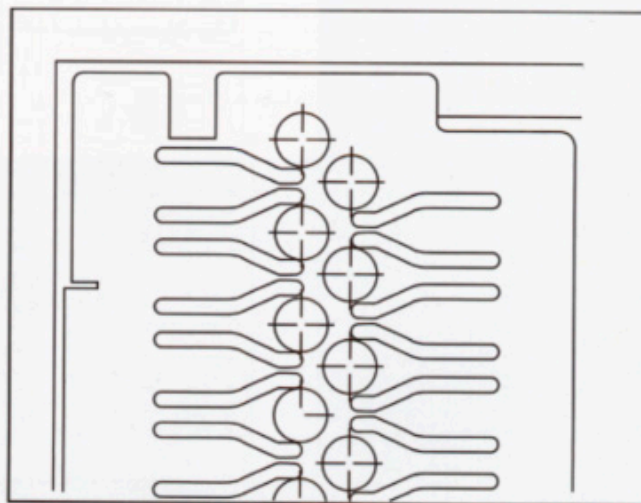
Cleaning and Maintenance of Crossover Racks

To reduce daily maintenance, the fixer/washer crossover rack is cleaned automatically by a shower system. The hinged injection mold, developer, fix, and wash racks can be divided into two parts for easy cleaning.



New Drying System

The new drying system, composed of a newly developed hot-air drying system, offers improved performance without requiring higher voltage or more space for installation. Even multiple X-ray films are dried uniformly in the SP Cycle. And exhaust air and heat emissions are kept to a minimum.



High Speed

In the SP Cycle, 41 sheets of film (35 x 43 cm, 14 x 17 in.) can be processed in an hour. For convenience, the operator can select either the SP Cycle or the RP Cycle.

High Quality

Fujifilm's advanced electromechanical and emulsion technologies ensure stable images of excellent quality.

LCD Display

LCD menus on the console provide easy-to-follow instructions for customizing processing parameters. In addition, processing data, like the total number of sheets processed, and replenishing data are stored in memory and can be easily retrieved for display.

Automatic Start-up/Shutdown

For energy savings and greater efficiency, a programmable timer can be used which automatically switches the FPM6000SP NDT on and off each work day.

Self-Diagnostics

Error messages are displayed on the control panel when operation is irregular. This ensures easy troubleshooting and minimal downtime.

Corrosion-Free Tanks

The solution and water tanks are made of heavy-duty injection-molded plastic and are sealed to the frame to protect critical components from corrosion.

Automatic Algae Prevention

Wash water automatically drains at shutdown and refills at start-up to prevent algae build-up.

Energy Saving

A standby mode minimizes energy use when the FPM6000SP NDT is not in operation, while a stat processing (pre-heat) mode keeps the temperatures of the developer and fixer high enough for emergency processing.

Quiet, Cool Operation

Air from the dryer is recirculated, keeping the processing area quiet and cool.

Separate Developer and Fixer Control

Separate thermostats and heat exchangers are provided to enable higher, more active fixation of films.

Film Counter

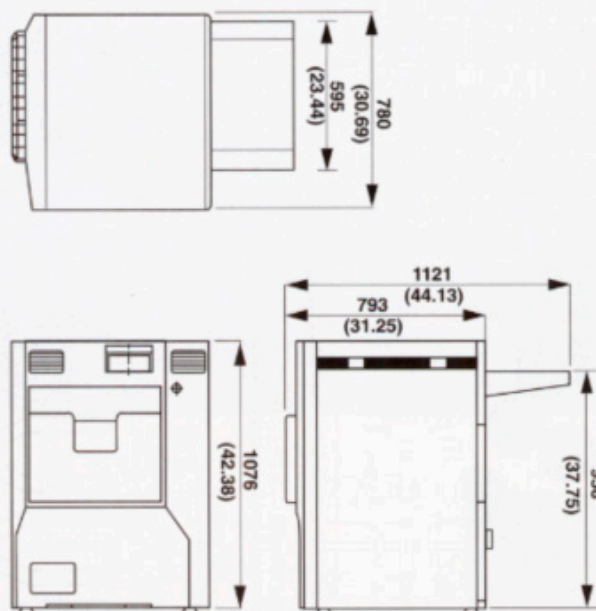
The FPM6000SP NDT counts the number of films fed through the processor. The counter can also be reset.

Convenient Replenishment Rate Adjustment

Replenishment rates for both developer and fixer are fully adjustable from the LCD control panel.

EXTERNAL DIMENSIONS

Unit: mm (inch)

**INDUSTRIAL FILM PROCESSOR FPM6000SP NDT****MAIN SPECIFICATIONS**

Film transport:	Continuous roller transport system
Processing time:	11 min, 45 sec (150 sec dev. immersion time) and 7 min, 50 sec (100 sec dev. immersion time) (leading edge to leading edge)
Film size:	Sheet film: 10 x 10 cm ~ 35.6 x 43.2 cm (14 x 17 in)
Processing capacity:	SP Cycle (7 min, 50 sec): 41 sheets/hr of 35.6 x 43.2 cm/14 x 17 in; RP Cycle (11 min, 45 sec): 28 sheets/hr of 35.6 x 43.2 cm/14 x 17 in
Tank capacity:	Developer: 12.7L(3.4 US gal.) Fixer: 12.4L(3.3 US gal.) Washer: 10.9L(2.9 US gal.)
Solution temp. control:	Developer and fixer temperature thermistor-controlled; control precision: developer: $\pm 0.3^{\circ}\text{C}$ ($\pm 0.5^{\circ}\text{F}$)
Solution recirculation:	Continuous solution recirculation and agitation by recirculation pumps
Film detection:	Infrared sensors at entrance
Replenishment system:	Automatic replenishment based on area of film processed
Wash water requirement:	Temperature: 15°C or higher, up to 5°C lower than set developer temperature Flow rate: 3L(0.8 US gal.)/min during processing
Dimensions (W x D x H):	780 x 793(1121*) x 1076 mm (30-11/16 x 31-1/4(44-1/8*) x 42-3/8 in) *including feed tray and film receiver
Weight:	221 kg (487 lb.) without solutions 257 kg (567 lb.) with solutions
Power requirements:	200-240V AC, Single-phase, 30A, 50/60 Hz 380/400/415V AC, 3-phase Y+N 10A, 50 Hz
Standard accessories:	Manual handle, tool box and hoses
Optional accessories:	Partitioning panels
Safety specifications:	Complies with UL and TÜV GS safety regulations; CE mark The non-return water connection complies with the DIN standard for connecting to drinking water systems of the DVGW.
Noise specifications:	58dB(A) or lower during operation and standby

Specifications and appearance are subject to change without notice.

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