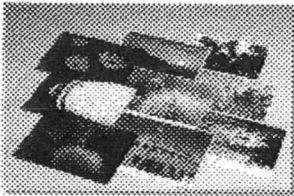


Specifications

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Features and specifications subject to change without notice.

Desktop Paper Processor CP31

A Compact Processor for Professional Use Up to 12X16 inches

An Easy-to-Operate Automatic Processor

Open the light tight cover, insert the exposed paper into the processor, and the paper is automatically guided through the solutions for fully automatic processing.

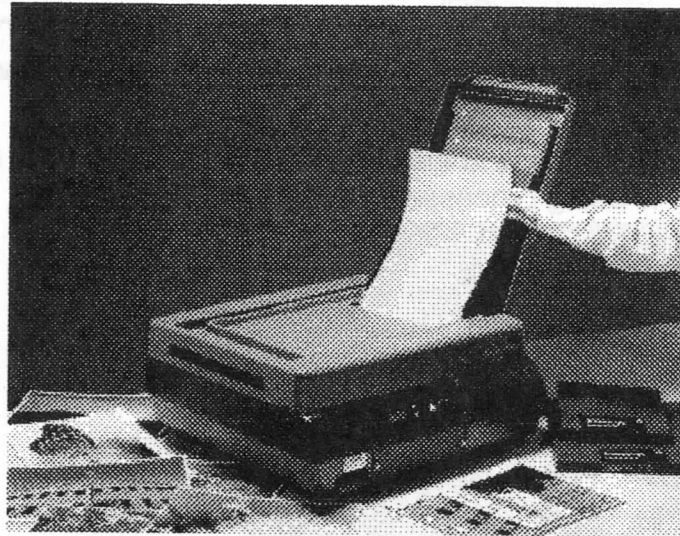


image processor

This picture shows the **Main Body**

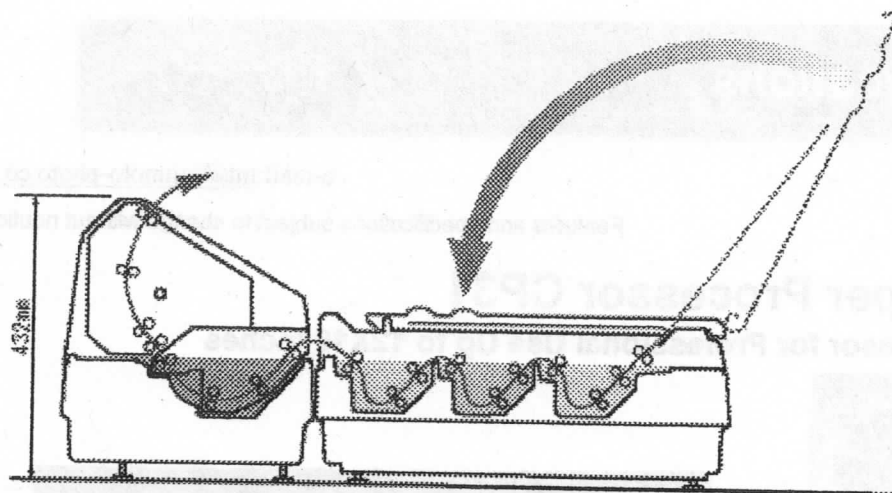
CP-31

●An Easy-to-Use Automatic Processor:

The CP31 is an automatic processor for RC paper up to 12X16 inches. This compact processor can be placed next to enlarger within a limited space. This small unit is loaded with professional features that make it a logical choice for serious amateurs and professionals alike.

●Smooth Paper Feed:

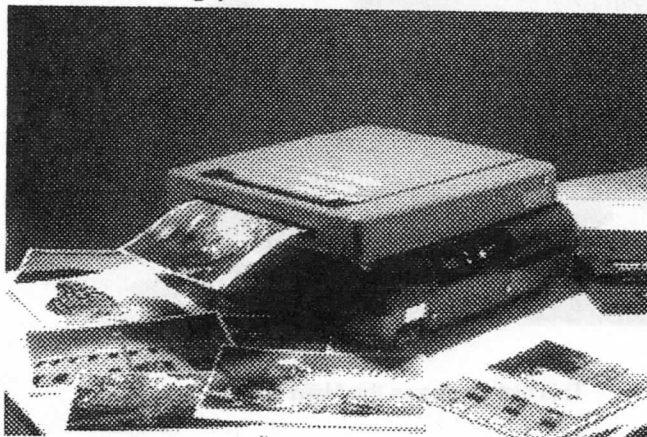
The paper feeder of the CP31 uses a roller transport system. The transport speed can be adjusted by a dial in the range of 42 to 420 mm/ min., providing precise development at the optimum speed.



This picture shows the **Main Body** connected with the **WD Module**

●Daylight Processing

Close the cover and the processor is light tight. You can turn on the lights while the paper is being processed.

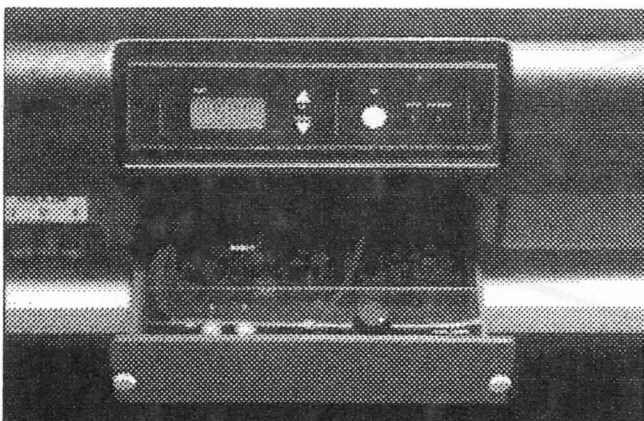


●Accurate Automatic Thermostatic Heater:

The CP31 is a 3-Bath, 3-Heater processor equipped with a thermostatic heater. A digital electronic heater is used in the first bath (developer) where precise temperature control is required. The temperature is displayed with all accuracy of ± 0.1 deg C. The analog heater of the 2nd and 3rd bath controls temperature within ± 0.2 deg C. Furthermore, the temperature of each bath can be set individually. The temperature can be set to 50 deg C for the 1st bath and up to 40 deg C for the 2nd and 3rd baths, enabling the CP31 to process EP2, RA4, B/W, and Cibachrome P-30.

●Advanced Agitation:

Each bath of the CP31 is equipped with a circulating agitator to effectively agitate the solutions. Even processing is virtually guaranteed with the CP31. The magnetic circulation pumps are extremely durable and will provide years of trouble-free operation.



Control Panel and Control Box

●Automatic Standby Function:

When the CP31 is turned on and idle for more than 45 min., a standby function is activated which turns the rollers for three seconds every fifteen seconds. This is to prevent chemical fatigue and crystallization. Normal operation begins automatically when paper is inserted.

●2 Liters of Developer:

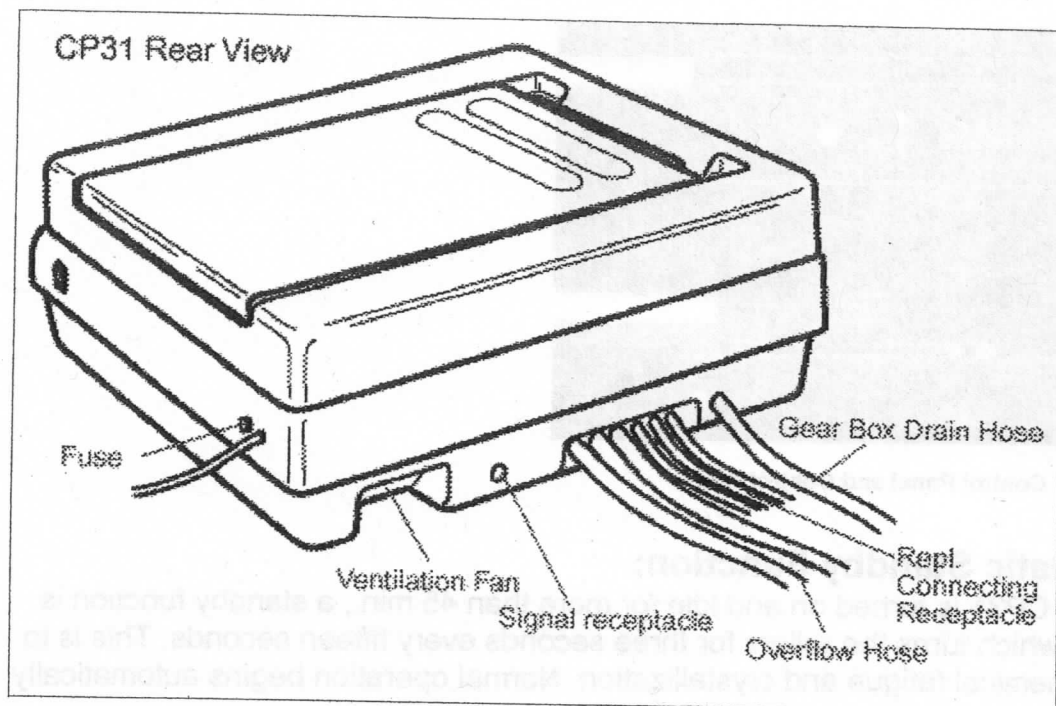
The CP31 uses only 2 liters of chemicals per bath, making it an extremely economical processor to operate. Each bath is designed to minimize oxidation.

●Convenient Paper Feed Sensor:

The infrared paper sensor lamp illuminates when the cover shield of the CP31 is opened and the paper is inserted. The sensor lamp goes off when the paper is fully immersed in the 1st bath (developer), signalling that the next sheet can be inserted. This helps to prevent paper overlap and facilitates easy continuous processing.

●Built-in Ventilation Fan

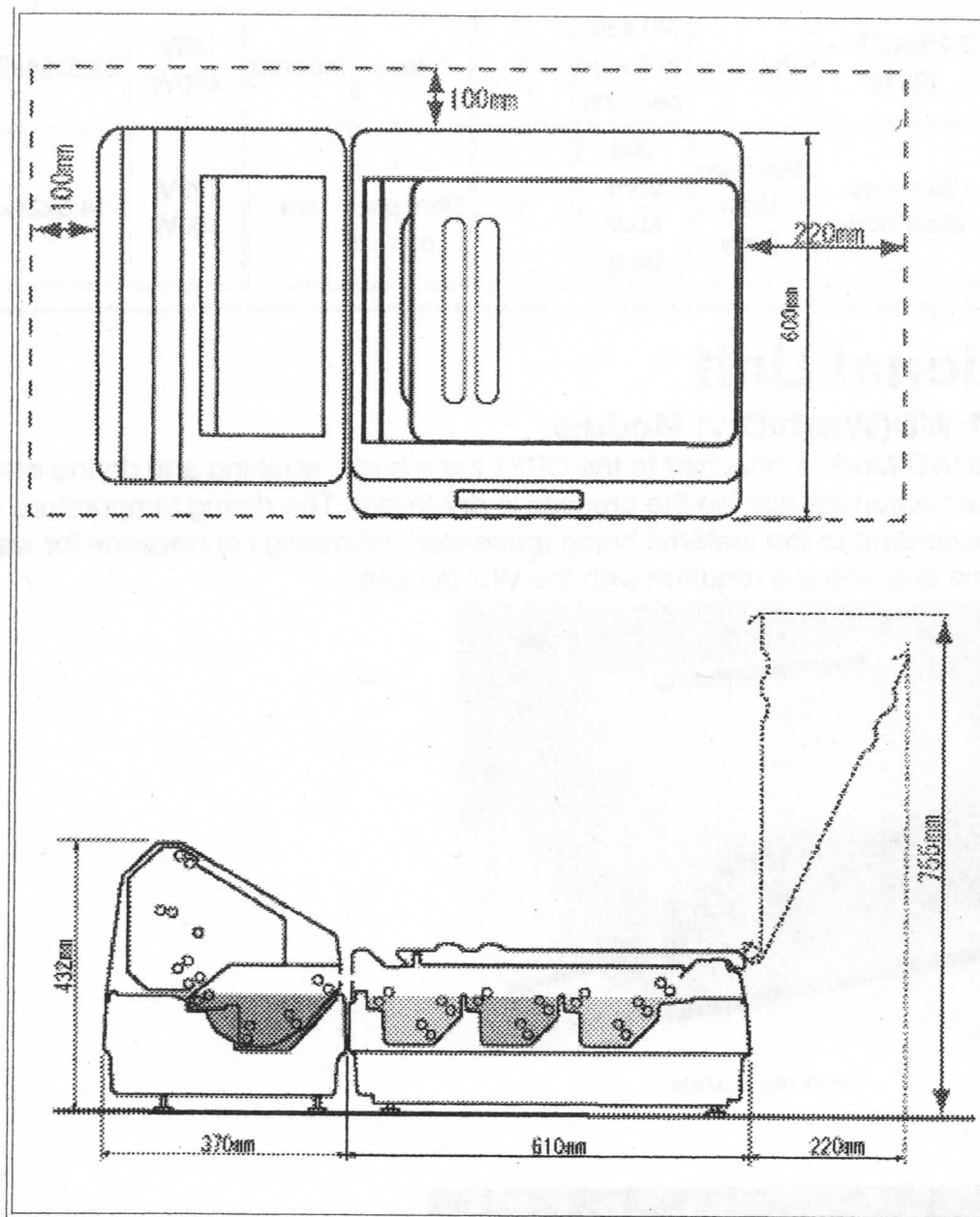
In some processors, moisture inside the unit can dampen the rollers causing spots on the print. A strong ventilation fan on the CP31 eliminates moisture so that prints are spot-free.



●Specifications

Features and specifications subject to change without noutice.

Main Body connected with the WD Module
SpaceRequirement : 1200(W) X 700(D) X 755(H)mm



CP31 Print Capacities per Hour	8x10"	11x14"
RA-4 at 35 deg C (95 deg F), dry-to-dry time	64, 4min15sec	40, 4min30sec
P-30 at 29 deg C (84.2 deg F), dry-to-dry time	24, 11min20sec	15, 12min00sec
B/W at 28 deg C (82.4 deg F), dry-to-dry time	64, 4min15sec	40, 4min30sec

Technical Specifications									
Module Name	Print Size	Speed	Time	#Baths	Bath Size	Sensor	Power	Dimensions (L x W x H)	Wt

CP31 Main Body	3.25x4.25" - 12x16"	Variable	30 sec to 5 min per bath	3	2 liters	Infrared	120V, 460W	23.5x24x9.75"	64 lbs.
CP31 Wash/Dry	Same as Main Body	Set from Main Body	Set from Main Body	1	~1.5 liters per min	n/a	120V, 850W	14.5x24x17"	52 lbs.

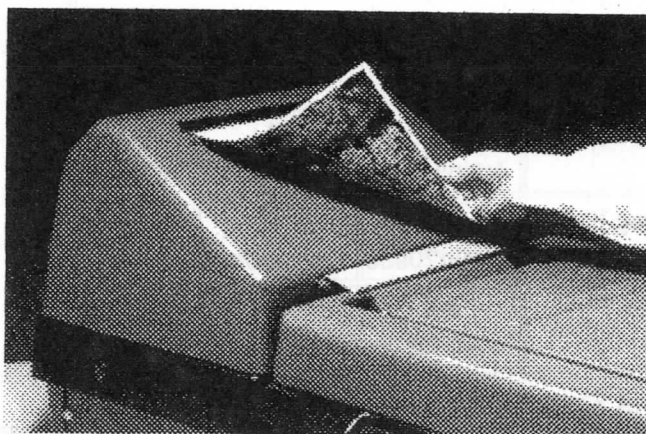
Optional Unit

●CP31 WD(Wash/Dry) Module

With the WD Module attached to the CP31 main body, washing and drying are completed automatically, so the process is dry-to-dry. The drying temperature can be set according to the material being processed. plumbing connections for warm water and draining are required with the WD module.



CP31 WD Module

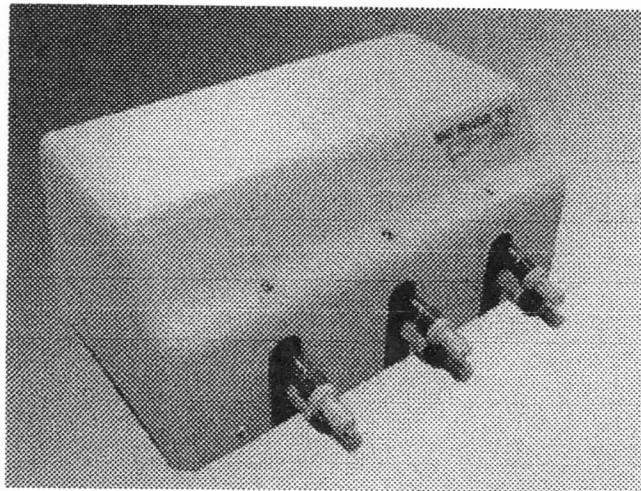


This picture shows the **Main Body** connected with the **WD Module**

Function	Automatic washing and drying of processed paper from the CP31 main body for dry-to-dry operation.
Transport System	Roller transport.
Print Size	Same as the main body
Drive	Mechanical link with Main Body
Power	120V-850W-60Hz or 230V-650W-50Hz
Wash Tank	Single tank
Tank Capacity	4 liters with counter flow
Flow Rate	2.0 liters/min with constant-flow valve
Wash Water	Tempered water source required
Drying Temp.	Variable from 40 deg to 80 deg C infrared heater and fan
Dimention	540(D) x 370(W) x 432(H) mm
Weight	18Kgs
Other Features	Heater overload protection circuit. Automatic cooling down of heater after process

●CP31 Replenishment Unit

- * Replenishment actuated via signal from the main body.
- * Built-in manual replenishment switch
- * Built-in On/Off switch exclusively for the 3rd replenishment pump.



CP31 REPLENISHMENT UNIT

Power source	AC110V 50/60Hz 70/55W (MAX 1.3/1.0A)
Number of pumps	3

Replenishment Volume	5 to 45ml/min. Adjustable to 5ml per increment. All pumps operate simultaneously. Note: The rate of Replenishment Volume is simply the aim. Because the Replenishment Unit controls just the operation time of pump.
Dimension	164mm(D) x 256mm(L) x 121mm(H) (6-1/2" x 10" x 4-3/4")
Weight	2.5kg (5.5 lbs.)

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