



Colour Microfilm Processor

AutoPan Colour Microfilm Processors are especially designed for the fully automatic developing of ILFOCHROME MICROGRAPHIC™ colour microfilm with ILFORD process P-5. In addition, there is an option to process also Black/White microfilm.

The processors are solid and suited for high throughput. Moreover, emphasis was put on optimal and consistent processing results at low maintenance charges.

Characteristics of the AutoPan microfilm processors:

Control System

AutoPan processors are equipped with a reliable Programmable Logical Control System (PLC) which displays temperatures, replenishment rates, etc.

Heating System

There are precise heating systems ($\pm 0,1^{\circ}\text{C}$) with heater, recirculation pumps and filters for developer, bleach and fixer as well as a heating system for the dryer section.

Transport System

On the version *AP 12-60* it is only necessary to fix the film, that is inside of a light-tight cassette, on the leaderbelt of the processor. The transport of the film through the processor is almost non-intrusive at very low tension. Hence, the transport is scratch-free and perfect for long rolls up to a length of 600m with a width of 35mm or 105mm.

Replenishment System

Although contamination and oxidation of the chemicals is very low due to the special design of the processors, the replenishment system is still important to get consistent results. Therefore, infrared sensors on the feed-in detect the surface of the film. Depending on the film's surface, the dosing pumps of the replenishment system then provide a adequate quantity of replenisher and keep the chemicals in a perfect condition.

Dryer

After the film went through the chemicals and wash tanks, it arrives in the drying section, where the film will be dried cautiously by circulating hot air. Film rolls are wound up automatically after drying by a rewind system.

Technical Data Model AP 12-60

Process	P-5
Working Width	10,5 cm
Speed	60 cms/min.
Dry-to-dry time	16 min.
Tank Volume	10 ltr.
Voltage	3x380 V
Power Requirement	3 kW
Water Connection	1/2"
Drainage	32 mm
Dimensions (LxWxH)	160x60x123 cm