

**FUJI MINILAB FILM PROCESSOR**

**FMFP60**

Type ..... Daylight type.  
 Films ..... 135, 126 and 110 sizes.  
 Chemicals ..... CN-16 or equivalent.  
 Processing Speed ..... 68.6cm/min., 2 strands.  
 Transform System ..... Film trailer-and-chain transport system.  
 Processing Capacity ..... 60 rolls/hr. (135, 24 exp.).  
 Tank Capacity ..... N1: 40ℓ, N2: 50ℓ, N3: 35ℓ, N4: 6ℓ.

Replenisher Tanks ..... 15-liter tanks equipped (N1, N2, N3, N4).  
 Replenishment ..... Auto replenishment. (switchover for 135, 126 and 110 sizes.)  
 Power Requirements/  
 Consumption ..... 200V, 3 phases, 4.5 – 7kVA.  
 Dimensions ..... 1,470(H)×1,815(W)×645(D)mm.  
 Weight ..... About 300kg. (without solution).

**FUJI MINILAB PRINTER PROCESSOR**

**FMPP1000**

Type ..... Daylight type. Printer, paper processor, paper cutter and sorter integrated into single unit.  
 Power Requirements ..... 200 ~ 250V AC, 3 phases, 100V AC.  
 Power Consumption ..... 200V 3 phases, about 5kVA; 100V, about 2kVA.  
 Dimensions ..... 1,740(H)×2,778(W)×842(D)mm.  
 Weight ..... About 700kg.

**[PRINTER]**

Exposure ..... F-type white-light subtractive system.  
 Light Metering ..... Direct measurement of negative-transmitted light by means of a semiconductor light receptor.  
 Printing Lamp ..... 36V, 400W halogen lamp.  
 Negatives ..... 135, 110, 126 and 120 sizes.  
 Magnification ..... By switching lenses.  
 Enlarging Lenses ..... Fujinon EFC lenses.  
 Density Correction ..... Pushbutton – 10 to + 15 keys; can be freely set for 1 – 99% variation at each step.

**Color Correction**

Color Keys ..... Pushbutton – 4 to + 4 with settings for 1 – 99% variation at each step.

**Variable Correction**

Switch ..... Rotary switch, 7-step (high 3, normal, 1, low 3); provision for individual correction of the three colors.

Color Balance Control ... Digital input by means of master balancer and color balancer.

Slope Control ..... Time input system; 40 built-in channels; independent adjustment for under- and over-side correction.

Negative Carrier ..... M69V/H Manual Negative Mask System.

Color Paper ..... Up to 240-meter-long paper; emulsion in or out. Min. length: 35.6cm (control strips). Width: 82.5 ~ 127mm.

Paper Supply ..... Darkbag for daylight paper loading.

Paper Feed ..... Fixed length feeding by pulse motor; feed length can be preset by digital input via channels.

Cut and Sort Marks ..... Bordered print: Photo-printing.  
 Borderless print: Hole punch.

Print Counter ..... Resettable electromagnetic additive counter.

Exposure Timer ..... Built-in display shows C, M, and Y exposure times in sequence.

Paper Detector ..... Equipped for sensing paper end and spliced joints.  
 Control Circuit ..... Microcomputer-controlled solid-state circuit boards.  
 Exposure Cycle Initiation ... By means of the density keys, start key, or footswitch.  
 Standard Exposure Time ... About 0.2 sec. for normal-density 135DF negative to 3R-size print.  
 Printing Capacity  
 (Printer Only) ..... About 3,000 3R prints/hr. from the same 135DF normal-density negative.  
 Print Size ..... Min. 82.5×82.5mm, max. 127×210mm.  
 Printing Function ..... Presets 1 – 999 prints by key operation.

**[INTERFACE RESERVER]**

Clipping ..... Automatic.  
 Clip Magazine ..... 30 clips.  
 Reserver ..... Reserved paper automatically sent into processor when preset level is reached. Capacity: Max. 8m.

**[PAPER PROCESSOR]**

Transport System ..... Clip-and-chain transport system.  
 Chemicals ..... CP-21 or equivalent.  
 Processing Speed ..... 1.9m/min., 1 strand.  
 Processing Capacity ..... 1,280 prints/hr. (3RV size).  
 940 prints/hr. (3RV size).  
 Tank Capacity ..... P1: 90ℓ, P2: 35ℓ.  
 Replenisher Tanks ..... 25-liter tanks equipped (P1, P2).  
 Replenishment ..... Automatic replenishment by infrared sensor.  
 Paper Drying ..... Temperature-controlled impingement drying.  
 Circulation ..... Circulation pumps.

**[PAPER CUTTER]**

Mark Sensor ..... Optical sensor.  
 Paper Feed ..... Pulse motor feeding.  
 Cutter Blades ..... Straight-corner blade: 82.5 ~ 127mm.  
 Round-corner blade: 89 and 102mm.

**[SORTER]**

Paper Size ..... Length: 82.5 ~ 210mm.  
 Width: 82.5 ~ 127mm.  
 Capacity ..... 50 prints/tray.



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