

# MITSUBISHI VIDEO COPY PROCESSOR



## MITSUBISHI VIDEO COPY PROCESSOR CP30W

High resolution images at 423dpi.  
User-friendly front access.  
A video printer with a new style.



### Specifications

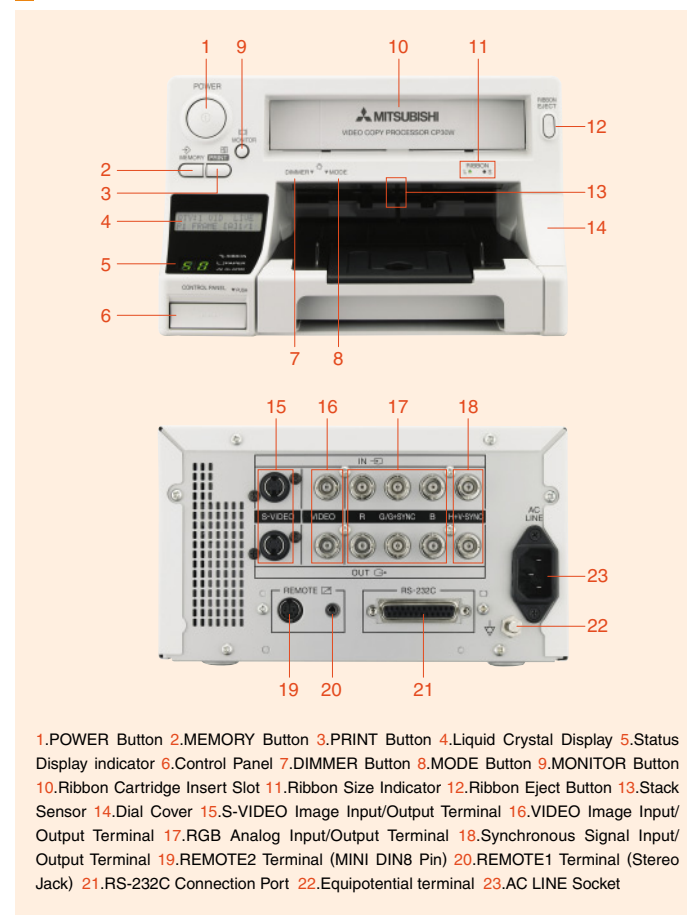
| Items                   | Contents   |
|-------------------------|--|
| Printing system         | Dye Sublimation Thermal Transfer Full-Color System   |
| Head resolution         | 423dpi   |
| Print resolution (Dots) | S-size: 1600 x 1200 L-size: 2100 x 1600  |
| Gradation               | 256 gradation each for YMC 16.7 million colors   |
| Printing paper          | Cut sheet  |
| Ink ribbon              | Y (Yellow)+ M (Magenta)+C (Cyan) (ribbon cartridge only)   |
| Paper size              | S-size: 100 x 94mm L-size: 148 x 100mm   |
| Photo print size        | S-size: 96 x 72mm L-size: 126 x 96mm   |
| Paper capacity          | S-size 80 sheets L-size 50 sheets  |
| Printing time           | S-size: Approximately 16 seconds<br>L-size: Approximately 25 seconds   |
| Interface               | RGB Analog, S Video, Composite Video   |
| Input Signal            | PAL/NTSC Dual interface (Auto-switch)  |
| Memory Capacity         | 8-Frame Memory   |
| Control terminal        | RS-232C (D-SUB25 Pin) Rear-mounted Remote Port (MINI DIN 8 Pin, Stereo mini-jack)  |
| Dimensions              | Width 212(8.35") x Height 125(4.9") x Depth 425(16.7") mm  |
| Weight                  | Approximately 7.3 kg (main unit only)  |
| Power Supply            | 120V AC 50/60Hz, 220-240V AC 50/60Hz   |
| Power consumption       | 120V AC 50/60Hz : 1.7A(printing)<br>0.3A(standby, reference)<br>220-240V AC 50/60Hz : 1.0A(printing)<br>0.3A(standby, reference) |

\*The printer is not a medical device. Any printed images are for reference only and it should not be used for diagnosis.

### Options (paper/ink ribbon sets)

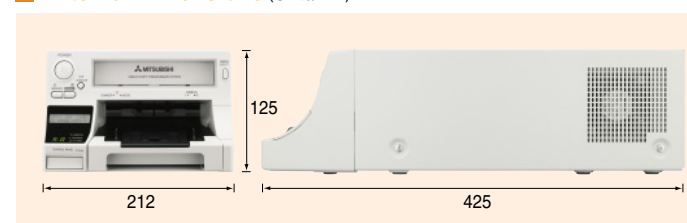
| Model Name | Specifications  |
|------------|---|
| CK30S      | S-size printing paper & ribbon cartridge<br>80 sheets x 3 packs |
| CK30L      | L-size printing paper & ribbon cartridge<br>50 sheets x 4 packs |

### Part Names



- 1.POWER Button 2.MEMORY Button 3.PRINT Button 4.Liquid Crystal Display 5.Status Display indicator 6.Control Panel 7.DIMMER Button 8.MODE Button 9.MONITOR Button 10.Ribbon Cartridge Insert Slot 11.Ribbon Size Indicator 12.Ribbon Eject Button 13.Stack Sensor 14.Dial Cover 15.S-VIDEO Image Input/Output Terminal 16.VIDEO Image Input/Output Terminal 17.RGB Analog Input/Output Terminal 18.Synchronous Signal Input/Output Terminal 19.REMOTE2 Terminal (MINI DIN8 Pin) 20.REMOTE1 Terminal (Stereo Jack) 21.RS-232C Connection Port 22.Equipotential terminal 23.AC LINE Socket

### External Dimensions (Units/mm)



**MITSUBISHI ELECTRIC CORPORATION**  
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High resolution  
**423dpi**

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High resolution  
**423dpi**

## User-friendly front access, high-performance DSP and a new head control engine achieve life-like picture quality.

The combination of a new head control engine and high-performance DSP delivers crisp, sharp images.

CP30W life-like printing match with digital picture quality prints.

In addition, paper and ink ribbon loading operations are done directly from the front of the unit.

The control panel is smartly stowed in the printer when not in use.

User-friendly LCD and LED status display for viewing functions and settings ensures, easy and simple for operation.

Absolute performance and quality for a wide range of health care needs.

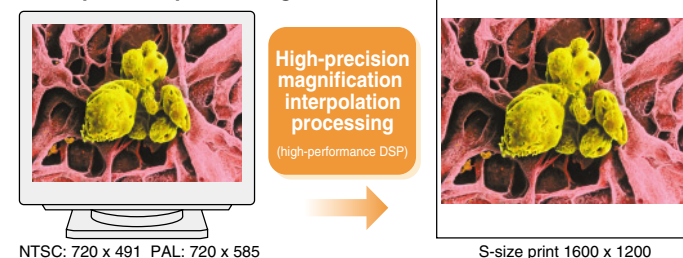
## Work Saving Much more simple

Front access allows trouble-free maintenance as well as paper feed

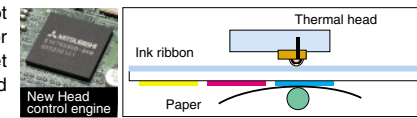
## High Quality Life-like quality

With the high-performance DSP and new head control engine, achieve life-like quality images on par with digital quality

Achieve life-like images using high-precision magnification interpolation processing.

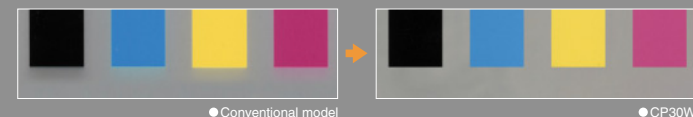


Achieve life-like image quality on par with digital printers using Mitsubishi Electric's original, new head control engine. In addition, the high-performance DSP uses high-precision magnification interpolation of the analog video signal to convert to a high-resolution digital image. Furthermore, the head control engine exercises thermal control over a wide, dynamic 16-bit range. This instant and optimal thermal control of the high-resolution 423dpi thermal head means clear, smear-free (print direction bleeding) image gradation. Moreover, it reduces heat between adjacent dots thus elevating small dot reproduction to new levels. For example, white letters set against a black background reproduce brilliantly.



Incredible improvements to letter scrunching and color smearing reduction.

Brilliant, smear-free gradation



Enhanced reproduction for each line and dot, horizontal line and small letters are also vivid



High-speed output 16 seconds for S-size.

Printing is fast. Only 16 seconds for S-size, 25 seconds for L-size.

**S-size**  
Approximately 16 seconds

**L-size**  
Approximately 25 seconds

\*When using standard type paper/ink ribbon cassette

## Operability Much more user-friendly

User-friendly operability

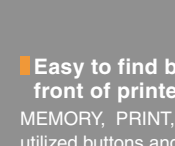
The control panel can be neatly stored in the main unit.

Buttons for use in various functions are conveniently placed above the compact control panel. The control panel is a built-in type that can be stored within the main unit when finished. Worry-free from misplaced remote.



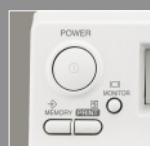
Front panel design allows ease of operation and viewing.

Convenient LED status display for function viewing is setup with a 16-letter, 2-row, liquid-crystal display. Easily configure desired settings with the control panel while viewing the LCD. The position of the function viewer, LED status display is easy to see, even if put into a rack. So, the paper-out condition can be easily read.



Easy to find basic operation buttons located on front of printer.

MEMORY, PRINT, MONITOR buttons separated from less utilized buttons and situated in an easy-to-find location.



## Usability More convenient

Function and performance to meet a wide variety of health care needs

**A lineup of excellent weather and light-resistant overcoat media.** Overcoat media with a shelf-life equivalent to silver halide photographs. This media, even if exposed to sunlight or fluorescent lamplight, doesn't succumb to extensive color fading or fingerprinting. In addition, color migration is reduced in the standard media.

**8-frame memory with a high-capacity 32MB memory.** A high-capacity 32MB memory supports high throughput performance. It has the memory to store, in succession, images that need printing even while printing other images. Stores up to 8 screens.

**Multi-print function broadens printer applications.** 2 or 4 split-screen multi-print function.

**NTSC/PAL dual signal system automatic detection.** Automatic detection allows for the elimination of troublesome switching operations. Furthermore, the main printer 1 interfaces with both NTSC and PAL systems.

**Optimum functions for printing images.** Easy color adjustment and  $\gamma$ -curve refinement by user. It comes with multiple image settings designed for equipment such as endoscopes and ultrasound systems. Moreover equipment also supports synchronous stroboscope function of retinal cameras. Supports RS232C and also foot switches.

**Gentle, low-noise design.**

Utilization of a high-speed control cooling fan and improvements in heat dissipation design. Approximately 6 db lower than our previous models (during standby) due to a drastic reduction in mechanical motion noise when printing.

Industry first

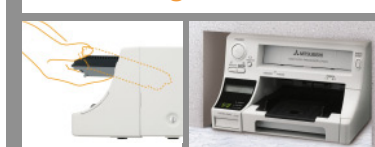
Automatic loading for trouble-free ribbon cartridge replacement.

Single action operation, by placing the ribbon cartridge into the front of the unit. Empty ink cartridge is automatically ejected for easy replacement. Trouble-free printer drawer opening and closing.

\*Oct 2006 according to our company preparations (CP30D implementation)

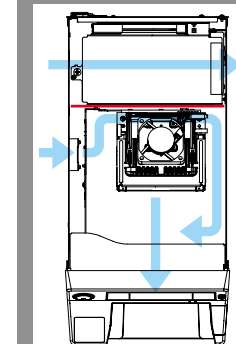


Space-saving main unit storage.



Easy cartridge insertion and removal even if the printer is stored in a rack.

Heat-and dust-resistant case design



The case design includes a side air duct that allows intake-air to flow smoothly to the front of the unit, efficiently cooling the thermal head and power supply unit. This helps protect against dust better than conventional units, and improves reliability during extended periods of use.

S-size  
100x94

L-size  
148x100

Front display panel

Smart stow control panel

Easy to install paper cassette.



Adoption of a logically smooth-shaped slot to accommodate paper cassette insertion from all possible angles. Allows for smooth and secure paper cassette installation every time.

A paper catcher with room to spare.



The wide-mouth paper catcher design provides space on both sides, making it easy to remove printouts from any angle.

Lighting function to track print status.



The paper eject port comes equipped with lighting functions. Ordinary lighting, shutoff and also blinking, when printing. The amount of illumination can be changed in three stages depending on the room brightness. The unit illuminates during printout. This is a convenient feature in dark rooms.

# CP30W

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