

# CP-30W



## HIGH RESOLUTION, HIGH SPEED MEDICAL PRINTER WITH EASY AND RELIABLE OPERATION.

### Key Features

- 423 dpi high resolution printing
- New adaptive thermal head management control engine for vivid, smear-free gradation
- Ultra-fast print speeds
- Automatic loading for trouble-free ribbon cartridge replacement
- Easy to use, convenient front loading design
- Paper cassette engineered for easy mounting
- Space saving unit storage
- Effective heat and dust case design
- Built-in lighting to track print status
- Wide-mouth paper catcher
- Outstanding quality and reliability

Mitsubishi's CP-30W is an analog color printer that combines high resolution, high speed printing with an innovative, space-saving design that is ideally suited to support the frontline of today's image-critical medical applications. An astonishing 423 dpi and new head control engine combine to deliver vivid, smear-free gradation output, which results in enhanced diagnostic confidence. For ease of use, and long-term reliability, nothing comes close to the new CP-30W. The printer features a hassle-free "one action" front load and eject design, an easy to insert paper cassette, an internal wide-mouth paper catcher, and built-in lighting to track print status which is especially useful when working in dimly lit or dark areas. For the utmost in quality, long lasting reliability, and overall user convenience, the medical printer of choice for analog applications is Mitsubishi's CP-30W.

*If It's Medical Imaging, It's Mitsubishi.*

## Analog Color Printer

### FEATURES AND SPECIFICATIONS

#### Dependable, High Resolution Images For Medical Applications

With 423 dpi high resolution and a new adaptive thermal head management control engine, the CP-30W provides vivid, smear-free gradation images. Brilliant reproduction of white letters against black backgrounds is also achieved.



#### High Speed Output

Prints S-size output in less than 16 seconds and L-size output in less than 25 seconds.

#### Automatic Loading for Trouble-Free Ribbon Cartridge Replacement

Single-action operation by placing the ribbon cartridge into the front of the unit. When the ink cartridge runs out, the cartridge is automatically ejected for easy replacement.

#### Front Design is Easy to View and Operate

Printer operation panel functions are displayed on the front of the unit. An LED display identifies "data being processed" and several operation modes at a glance. Printing status is extremely clear, even with the unit placed in a rack mount or other mounting configuration.

#### Paper Cassette Engineered for Easy Mounting

Replacement of the paper cassette is fast and simple.

#### Compact Design

Compact unit size for easy integration into any environment

#### Paper Catcher with Room to Spare

The wide-mouth paper catcher is built with room to spare on both right and left sides, making output retrieval easier than ever.

#### Effective Heat and Dust Case Design

The case design provides an efficient cooling of the thermal head and power supply unit, with air ducts ensuring the gentle flow of side intake air to the front. Clears dust better than any other unit.

Printing System	Dye sublimation thermal transfer
Head Resolution	423 dpi
Print Resolution (Dots)	1600 x 1200 (S-size); 2100 x 1600 (L-size)
Gradation	256 gradation each for YMC; 16.7 million hue full color
Paper Size	S-size 3.94 x 3.70" (100 x 94 mm); L-size 3.94 x 5.83" (100 x 148 mm)
Print Size	S-size 3.78 x 2.99" (96 x 76 mm); L-size 3.78 x 5.00" (100 x 127 mm)
Paper Capacity	S-size 80 sheets; L-size 50 sheets
Print Speed	S-size <16 sec.; L-size <25 sec.
Interface	RGB analog, S video, composite video
Memory Capacity	8-frame memory
Control Terminal	RS-232C (D-Sub 25 pin) rear mounted remote port (Mini DIN 8 pin, stereo mini-jack)
Dimensions (W x H x D)	8.35 x 4.92 x 16.73" (212 x 125 x 425 mm)
Weight	16.1 lbs. (7.3 kg) main unit only
Power Supply	120V AC 50/60 Hz; 220-240V AC 50/60 Hz
Power Current Consumption	120V AC 50/60 Hz: 1.7A (printing), 0.3A (standby) 220-240V AC 50/60 Hz: 1.0A (printing), 0.3A (standby)
Regulatory Approvals	EN60950-1, EN60601-1, TUV-GS, TUV-GM UL60950-1, UL60601-1 CSA C22.2 No. 60950-1, No. 60601.1
Accessories	AC power cord, paper cassette, instruction manual, CD-ROM Windows® XP/2000 compatible

NOTES: Print speed and power consumption are valued for "standard" printing mode.

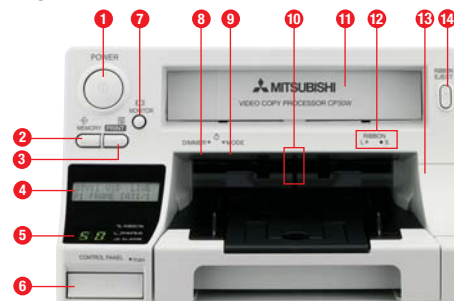
The printer is not a medical device, thus, any printed images are for reference only and it should not be used for diagnosis unless such application has been designed under approval as diagnostic imaging equipment. The MAC OSX printer driver (up to version 10.4) may be downloaded from the Mitsubishi Electronics printer website at [www.mitsubishi-imaging.com/medical](http://www.mitsubishi-imaging.com/medical).

#### OPTIONS (Paper/Ink Ribbon Sets)

CK30S	S-size printing paper and ribbon cartridge, 80 sheets x 3 packs
CK30L	L-size printing paper and ribbon cartridge, 50 sheets x 4 packs
CK30S4P*	S-size overcoat printing paper and ribbon cartridge, 60 sheets x 3 packs
CK30L4P*	L-size overcoat printing paper and ribbon cartridge, 40 sheets x 4 packs

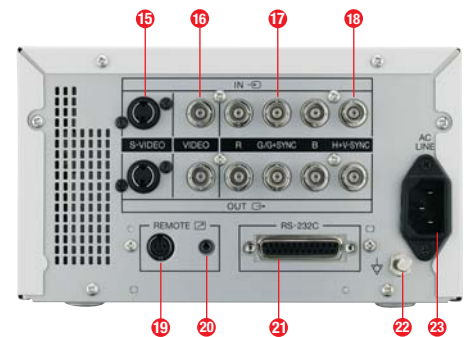
\* Option will be available soon.

#### FRONT PANEL



- 1. Power button
- 2. Memory button
- 3. Print button
- 4. Liquid crystal display
- 5. Status display indicator
- 6. Control panel
- 7. Monitor button
- 8. Dimmer button
- 9. MODE button
- 10. Stack sensor
- 11. Ribbon cartridge insert slot
- 12. Ribbon size indicator

#### REAR PANEL



- 13. Dial cover
- 14. Ribbon eject button
- 15. S-video input/output
- 16. Video input/output
- 17. RGB analog input/output
- 18. Synchronous input/output
- 19. Remote 2 (Mini DIN 8 pin)
- 20. Remote 1 (stereo jack)
- 21. RS-232C connection
- 22. Equipotential terminal
- 23. AC line socket

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