**Changes for the Better**

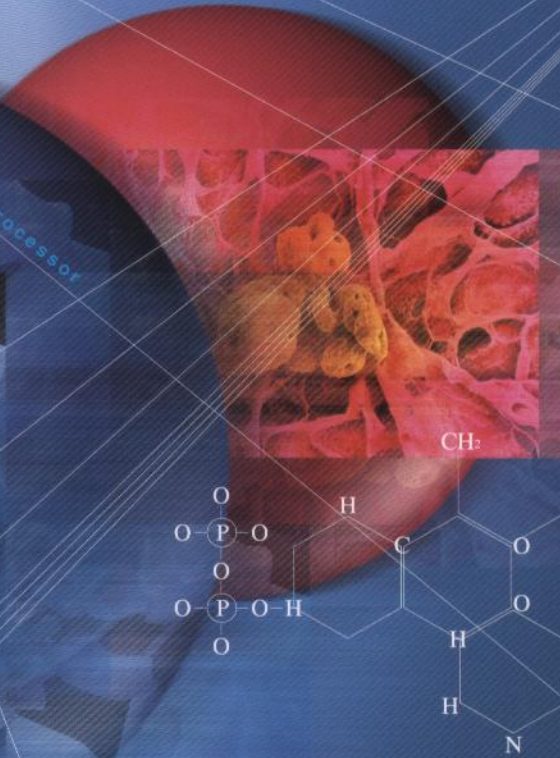# MITSUBISHI ELECTRIC

## VIDEO COPY PROCESSOR

ISO9001
JQA-0521

Video Copy Processor

# CP900UM

## Introducing a high-speed medical/industrial printer capable of printing detail images in just 10 seconds*
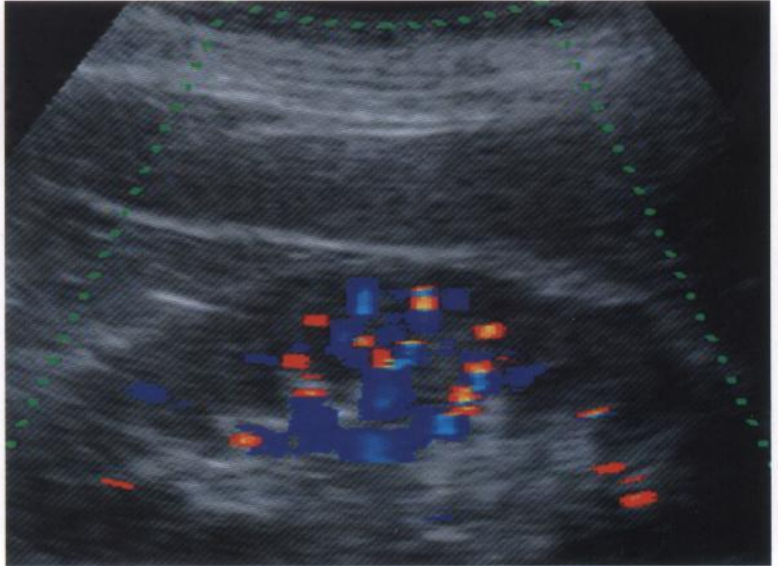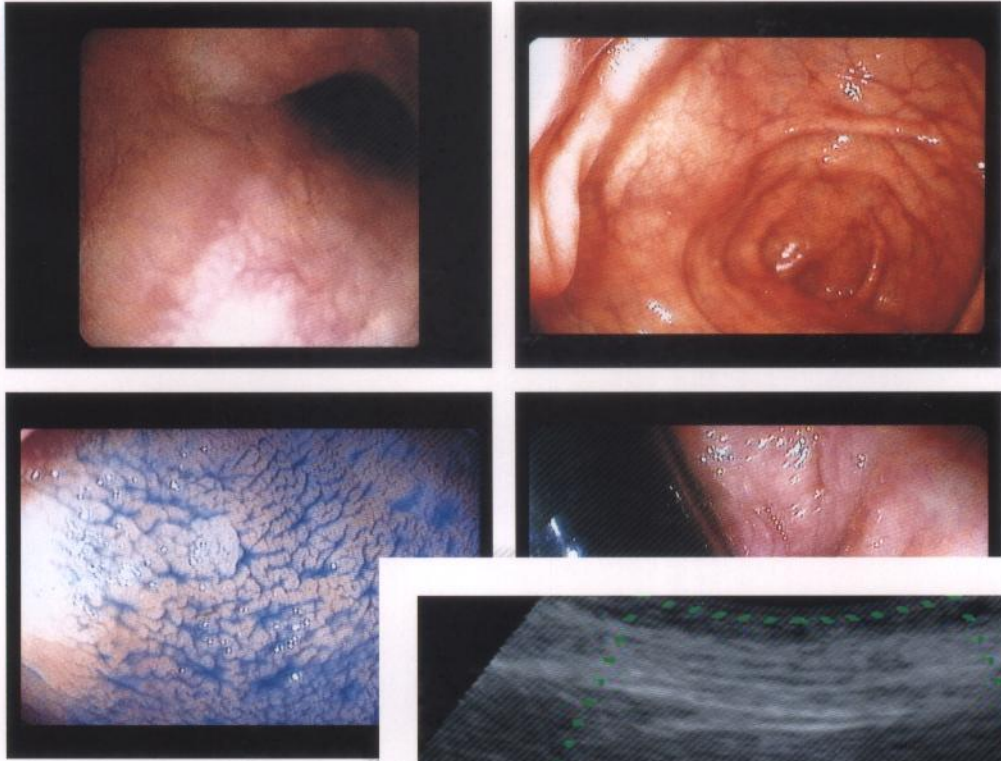
ROLL PAPER COLOR

**A6 roll paper system video printer**

# Delivering the Quality and Speed, doctors and



**Paper size**
L size 110×160mm

**Paper size**
S size 105×110mm

# CP900UM
**MITSUBISHI VIDEO COPY PROCESSOR**

# researchers require; in 10-seconds printing.

## Color Imaging Control

### High picture quality performance further enhanced through Mitsubishi's new system.

**Newly developed color imaging control system** Each ink sheet cassette has a built-in Color Imaging Control Chip. The printer uses individual media data from this chip to control color development properties. As a result, the CP900UM delivers high-grade printing with even more stable picture quality.

**Monitoring of remaining amount of ink sheets** A Color Imaging Control Chip monitors the amount of remaining ink sheets.

Color Imaging Control Chip

## Absolute Precision

### High-quality prints. Detailed and vivid.

**Sublimation thermal transfer method** Uses a sublimation thermal transfer method that smoothly reproduces 16.7 million colors, from full color to intermediate color.

**New built-in 325-dpi thermal head** Uses a 325-dpi high-density, high-efficiency head. Reproduces images obtained by medical imaging equipment in even sharper detail.
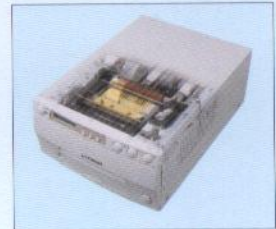
**Greatly enhanced media whiteness** To maximize the CP900UM's high picture quality, a new paper with enhanced whiteness is provided.

## Fast Print

### Rapid response with high-speed printing—takes just 10 seconds*.

**High-speed printing through a new roll mechanism**

The CP900UM uses a new straight paper path that simplifies the paper feed mechanism. This printer can print an S-size picture at an extremely high speed—just 10 seconds—bringing an even speedier response to the medical scene.
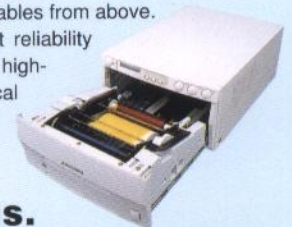
Straight paper path

## Simple Operation

### Both paper loading and Operation are easy.

**Straight paper path for simple media installation** The new roll mechanism's Semi-automatic paper feed makes installation of media even simpler. Just set the media in the prescribed position, and the paper feeds automatically.

**Easy front access** With front slide and top access, paper loading and maintenance are extremely simple. Just pull out the front part to load media and other consumables from above.

**Highly reliable roll paper system** Mitsubishi provides the highest reliability and quality with our roll paper system. By allowing no paper jams and a high-capacity print roll, we provide the prints that are necessary during critical applications. Doctors will have less downtime when they need a printout the most.

## Many Functions

### Fully equipped with many functions.

**Various print modes** Allows multi-printing of 2, 4, or 16 copies of the same screen or of different screens. Enables selection of print mode according to different examinations and analyses, including photograph-size prints of dimensions 1.5×2cm, 3×4cm, and 5×5cm.

**Large-capacity, 8-MB frame memory** Equipped with a built-in, large-capacity 8-MB frame memory that memorizes the next printing image during printing and supports high-speed printing. This memory holds up to four images.

**Optimum functions for the medical field** Loaded with three types of $\gamma$-curve for compatibility with various types of medical equipment, including ultrasonic diagnostic equipment, endoscopes, and microscopes. User customizable, and equipped with a function that synchronizes the CP900UM to the strobe light of retinal camera systems. Compatible with RS-232C and foot switch operation.

[Other features]

The main unit is about 30% lighter than the previous model (CP700UM), weighing in at a mere 11kg.

Uses a built-in paper tray that can be pulled out for use during printing.

Comprehensive input terminal group with composite video, S image, and RGB analogue.
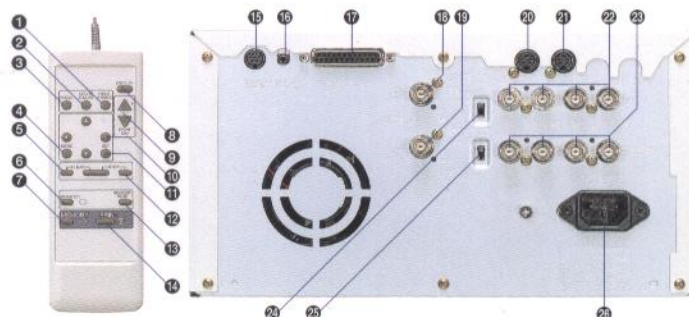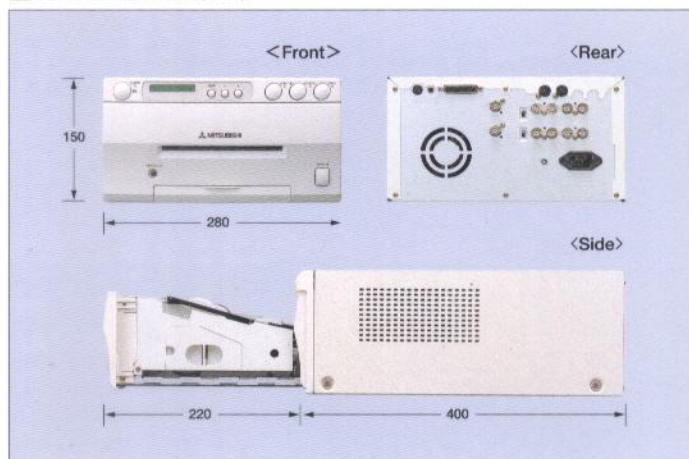
# ■Specification

| Model name | CP900UM |
|---|---|
| Print method | Sublimation thermal transfer method |
| Number of gradations | 256 per color |
| Display colors | 16.7 million |
| Print paper | Roll paper |
| Head resolution | 325 DPI (1280 dots) |
| Paper size (mm) | S size: 105×110 (4.1×4.3 inch) |
| | L size: 110×160 (4.3×6.2 inch) |
| Print size (mm) | S size: 75×100 (2.9×3.9 inch) |
| | L size: 97.5×130 (3.8×5.1 inch) |
| Print resolution (dot) | S size: 1280×500 |
| | L size: 1280×1250 |
| *Print time (sec) | S size: Approx. 10 sec (3P) |
| | L size: Approx. 20 sec (3P) |
| Paper magazine capacity | S size: 200 (3P) ∕ 130 (4P) |
| | L size: 130 (3P) ∕ 90 (4P) |
| Dimensions (mm) | 280 (W) ×400 (D) ×150 (H) (11.1×15.8×6.0 inch) |
| Weight | Approx. 11kg |
| Power supply | AC120V 60Hz |
| Power consumption | Approx. 2.1A (25℃ Full black) ∕ Approx. 1.7A (25℃ Full black) :Lower consumption |
| Memory | 8 MB, 4-frame memory |
| Interface | RGB/S-Video/Composite video, RS-232C Control |
| Colour pre-set function | 3 types of γ-curve, compatible with endoscopes, ultrasonic diagnostic equipment, and microscopes |
| Strobe synchronization | Strobe light synchronization for retinal camera systems |
| Compliance | UL/C-UL2601-1,UL/C-UL1950 FCC classA,ICES-003 classA |
| Paper tray | Built into main unit |

# ■Options

| Model name | Specifications |
|---|---|
| CK900S | Standard paper ∕ S size Ink sheet (200 sheets) |
| CK900L | Standard paper ∕ L size Ink sheet (130 sheets) |
| CK900S4P | Surface-coated paper ∕ S size Ink sheet (130 sheets) |
| CK900L4P | Surface-coated paper ∕ L size Ink sheet (90 sheets) |
| PKC900S (200sheets) | Standard Paper ∕ Ink Cassette with S size Ink sheet |
| PKC900L (130sheets) | Standard Paper ∕ Ink Cassette with L size Ink sheet |

# ■Dimensions (mm)



<Front>  <Rear>

<Side>

150   280   220   400



❶Field/frame button❷Image adjustment button❸Program button❹Menu button ❺Clear button❻Monitor button❼Memory button❽Display button❾Print sheet number button❿Shift button⓫Set button⓬Stop button⓭Memory page button⓮Print button ⓯External remote⓰Remote connector(Stereo mini Jack)⓱RS-232C⓲Composite video input socket⓳Composite video output socket⓴S video input socket㉑S video output socket㉒RGB analogue input socket㉓RGB analogue output socket㉔RGB analogue signal impedance switch㉕Synchronization signal impedance switch㉖Power socket

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