

## UP-27MD

### A6 Colour Video Printer



#### Overview

#### **The UP-27MD Colour Video Printer for medical applications**

Sony's medical grade UP-27MD Colour Printer is the ideal choice for Endoscopy, Ultrasound, and Cardiology applications.

#### **Compact design**

Thanks to a compact design, UP-27MD fits easily into space-constrained environments, and can be rack-mounted, alongside other equipment, on medical carts.

#### **SDI compatibility**

HD-SDI, SD-SDI and 3G-SDI inputs and outputs are available for smooth transmission of large video signals up to full HD 1080p resolution with less noise.

#### **Large front LCD**

Its useful front operation and User-friendly LCD display with the white back light provide better visibility for intuitive operation.

\* Product availability of the UP-27MD may vary according to the sales area. For more information, please contact your nearest Sony sales office or an authorized dealer.

\*\* For more information about compatible printers, please contact your nearest Sony sales office or an authorised dealer.

## Features

### **Stylish Design and Compact Size**

The UP-27MD has a stylish compact design that fits into smaller spaces. The dimensions are approximately 212 (W) x 98 (H) x 398 (D) mm (8 3/8 x 3 7/8 x 15 3/4 inches).

### **SDI Compatibility**

HD-SDI, SD-SDI and 3G-SDI inputs and outputs are available for smooth transmission of large video signals up to full HD 1080p resolution with less noise.

### **Front Operation and User-friendly LCD Display**

The front-loading operation makes it easy to replace paper and ribbon and allows the UP-27MD to be installed in even tight spaces. This useful design feature also allows you to use the printer on-cart. Using the large front LCD display, users can conveniently operate settings and colour adjustment. The white back light provides better visibility for intuitive operation. Not only texts, but icons are clearly displayed. This display also shows error messages and the print media type, making it easy for users to quickly check and confirm this information.

### **Automatic Feed Roller Cleaning**

The UP-27MD is equipped with an automatic feed roller cleaning function which reduces the need for periodical manual cleaning. The paper feed roller is cleaned for a few seconds whenever the last sheet of paper in the paper tray is printed out. After this, the paper tray is automatically pushed out, notifying the user that the paper has run out.

### **Superb Print Quality and Colour at 423 dpi Resolution**

Incorporating Sony's dye sublimation printing technology, the UP-27MD produces photorealistic quality prints. With the UPC-21L, over Full HD picture quality\* can be realized.

\* 2,132x 1,600 dots

## Hue Saturation Value (HSV) Colour Adjustment and Colour Balance

Besides the normal colour adjustment (RGB), the UP-27MD also has the HSV function . The HSV function enables users to adjust the hue, saturation, and value of a selected colour. In addition the UP-27MD can print a nine-split image for colour balance which makes it easier for users to select the best colours (the ones that most closely match user requirements) with actual medical images.

### Specifications

Generic Specifications	
Printing method	Dye sublimation thermal transfer
Resolution	423 dpi
Gradations	256 levels (8 bits) each for Yellow, Cyan, Magenta
Picture elements	UPC-21L: 2,132 x 1,600 dots UPC-21S: 1,600 x 1,260 dots
Picture area	UPC-21L: 127.9 x 96.0 mm (5 1/8 x 3 3/4 inches) UPC-21S: 96.0 x 75.6 mm (3 3/4 x 3 inches)
Printing time	UPC-21L: Approx. 29 sec UPC-21S: Approx. 19 sec
SDI IN/OUT Format	1080p, 1080i, 480i, 576i

Paper tray capacity	L size: max. 50 sheets S size: max. 80 sheets
Interface	SDI IN: BNC(x1) 3G/HD/SD-SDI SDI OUT: BNC(x1) 3G/HD/SD-SDI
Control connectors	REMOTE: Stereo mini jack (×1) for optional FS-24 Foot Switch RS-232C (Computer control interface): D-sub 9-pin connector (×1)
Power requirements	AC 100 V to 240 V, 50/60 Hz
Input current	1.7 A to 1.0 A
Operating temperature	5 °C to 35 °C (41 °F to 95 °F)
Operating humidity	20% to 80% (no condensation allowed)
Storage and transport temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage and transport humidity	20% to 80% (no condensation allowed)
Dimensions	212 (W) x 98 (H) x 398 (D) mm, (8 3/8 x 3 7/8 x 15 3/4 inches)
Mass	5.7 kg (12 lb 9 oz)

## Notes

This product is distributed to US and EU as a medical device and satisfies product safety standards (e.g. IEC 60601-1).

For more details, contact your nearest Sony office or authorized dealers.

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## Supplied accessories

Paper feed tray  
Stopper  
Before Using this Printer  
Thermal head cleaning cartridge  
CD ROM (instructions for use)  
Service Contact List

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## Related products



### **UPA-WU10**

Wireless USB solution  
for medical printing

## Gallery

