

## UP-DR80MD

A4 Digital Colour Printer



### Overview

#### **The UP-DR80MD digital colour printer for medical applications.**

Delivering a compelling combination of compact convenience, superior image quality and low total-cost-of-ownership, the UP-DR80MD is the world's smallest A4 dye sublimation printer.

#### **Easy Colour Adjustment**

The UP-DR80MD offers easy colour adjustment via its printer driver property. This incorporates a preview image from which you can confirm and adjust images easily.

#### **Colour Look Up Table**

Two types of colour look up table are available to reproduce suitable colours for different modalities, such as endoscopy and ultrasounds. The default "Natural" setting creates a colour based on the s-RGB monitor, which is suitable for endoscopy images. For ultrasound images, a "CG" colour mode is available that reproduces more vivid colours. These settings are selectable via the printer property.

#### **Gray Balance Adjustment**

A Gray Balance Adjustment function allows you to easily select the colour that most closely matches your requirements and provides the most suitable tonal range for your application.

#### **Wireless Printing Capability**

By using the optional UPA-WU10\* Wireless Print System, you can achieve cable-free connection between the Sony digital printer with 5V USB output port\*\*, mobile C-arm and other hospital imaging modalities.

\* Product availability of the UPA-WU10 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

### **Superb Print Quality**

Incorporating Sony's dye sublimation technology, the UP-DR80MD produces photo-quality prints. It also employs Sony's laminating technology, which coats each print with a protective layer that's resistant to light, heat, water, humidity, and fingerprints. This laminating technology allows the prints to be placed in long-term storage without fear of degradation. The UP-DR80MD can print onto two different sizes of paper: A4 (297 x 210 mm, 11 3/4 x 8 3/8 inches) and Letter (279 x 216 mm, 11 x 8.5 inches).

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

The UP-DR80MD has a stylish design that fits perfectly with most medical environments. Its glossy white surface allows users to wipe it clean easily. Also, the compact body of the UP-DR80MD (approx. 317(W) x 207(H) x 425(D) mm (12 1/2 (W) x 8 1/8 (H) x 16 3/4 (D) inches) enables it to fit into both medical carts and constrained spaces.

### **Front Operation**

The front-loading operation makes it easy to replace paper and ribbon, and allows the UP-DR80MD to be installed in even the tightest of spaces. This useful design feature also allows you to use the printer on-cart.

## High-speed Printing

The UP-DR80MD operates at high speed. Printing an A4-sized image takes approximately 76 seconds

## Wireless Printing Capability\*

The optional UPA-WU10 Wireless Print System allows cable-free connection between the UP-DR80MD and surgical endoscopes, ultrasound systems, and other hospital imaging modalities. This is ideal for busy clinical environments, where modalities are constantly being moved between different OR and treatment rooms. This all-in-one wireless printing solution also resolves the problem of limited space on medical carts, allowing connection between a medical imaging modality and an 'off-cart' printer without requiring a lengthy USB cable.

\* This function is available to Sony digital printers with USB 5V type A Output port. For more information regarding the compatibility, please contact your nearest Sony office or an authorised dealer.

## Compliance with medical standards

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

For more details, please contact your nearest Sony sales office or an authorised dealer.

## Specifications

### Generic Specifications

Printing Method	Dye sublimation printing
-----------------	--------------------------

Resolution	301 dpi
------------	---------

	8 bits (256 levels) processing each
--	-------------------------------------

Gradations	for yellow, magenta and cyan
Effective Print Pixels	A4 size UPC-R80MD: 3400 x 2392 dots Letter size UPC-R81MD: 3192 x 2464 dots
Print Area	A4 size: 287 x 202 mm (11 1/4 x 8 inches) Letter size: 269 x 208 mm (10 5/8 x 8 1/4 inches)
Printing Time	A4 size: Approx. 76 sec Letter size: Approx. 72 sec
Interface	Hi-Speed USB (USB 3.0)
Paper Tray Capacity	50 sheets
Power Requirements	AC 100 to 240 V, 50/60 Hz
Input Current	3.4 to 1.4 A
Output current	0.5A/5V (USB 3.0)
Operating Temperature	5 °C to 35 °C
Operating Humidity	20% to 80% (no condensation allowed)
Storage and	

Transport Temperature	-20 °C to 60 °C
Storage and Transport Humidity	20% to 80% (no condensation allowed)
Dimensions	Approx. 317(W) x 207(H) x 425(D) mm (12 1/2 (W) x 8 1/8 (H) x 16 3/4 (D) inches)
Mass	Approx. 11.5 kg (25.3 lbs)

## Related products



**UPC-R80MD**  
A4 Self-Laminating Colour Printing Pack for UP-DR80MD



**HVO-3300MT**  
Full HD 2D/3D medical recorder



**HVO-500MD (Surgical Version)**  
Full HD medical recorder with USB/NAS recording and still image capture



**HVO-4000MT**  
4K 2D/3D medical recorder



**NUCLeUS**  
The smart digital imaging platform for medical environments

## Gallery

