

SONY®

DICOM Color Printer

UP-D77MD



UP-D77MD



Sony is proud to introduce the UP-D77MD – the compact A4/Letter DICOM color printer designed especially for use with nuclear medicine devices such as PET, PET-CT, and 3D-CT.

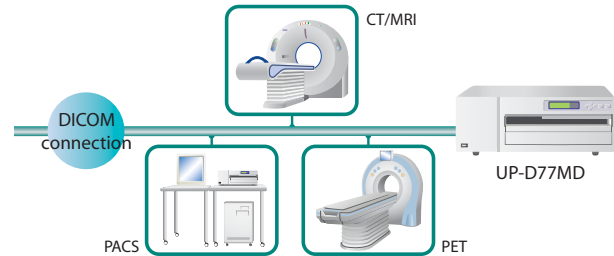
With a DICOM interface integrated in its compact body, the UP-D77MD provides flexible connectivity with DICOM-compatible medical devices or other DICOM network systems. In addition, it offers a color selection patch pictures function, which makes it easy for customers to select from 25 different color pattern pictures.

As diagnosis with color images has become increasingly important in the medical market, the UP-D77MD is the ideal choice for a wide range of medical applications.

FEATURES

► DICOM-compliant network capability

The UP-D77MD has an integrated DICOM interface that enables it to be connected directly to DICOM-compatible medical devices and modalities such as PET, PET-CT, 3D-CT, and other DICOM network systems.



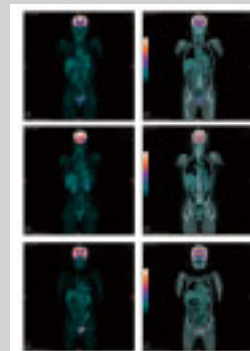
► Compact and space-saving design

The UP-D77MD has a compact body, despite its built-in DICOM interface. Its dimensions are approximately 494 (W) x 176 (H) x 469 (D) mm (19 1/2 x 7 x 18 1/2 inches), which makes it highly flexible to install in a variety of sites.

► Superior image reproduction

The UP-D77MD incorporates Sony dye sublimation technology, which enables photo-quality prints to be reproduced with a high resolution of 300 dpi with 8-bit color (C/M/Y) depth. Moreover, Sony reliable laminating overcoat provides a long lifetime of printing, as well as resistance to water and fingerprints.

Printout Image



PET-CT

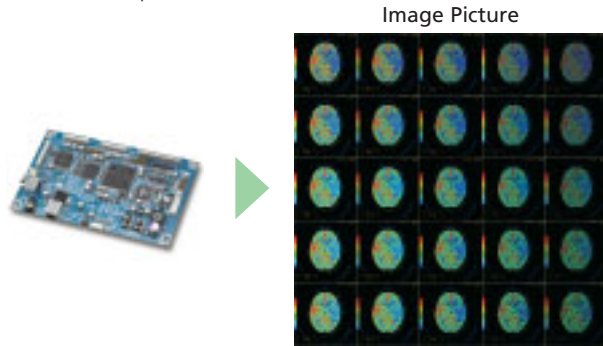


3D-CT



► **Color selection patch pictures function for easy color set-up**

The UP-D77MD has an integrated special DSP (Digital Signal Processor) with color tuning algorithm. It offers automatically generate 25 (5 x 5) different color pattern pictures (see below), which makes it easy for customers to select their favorite color pictures.



► **High-speed printing**

The UP-D77MD can produce A4 and letter-size images at an impressive speed of approximately 85 seconds, making it ideal for time-critical medical applications.

► **Useful front operation**

The front-loading operation makes it easy to replace paper and ribbon, and allows the UP-D77MD to be installed even in the tightest spaces.



The UP-D77MD Application Examples

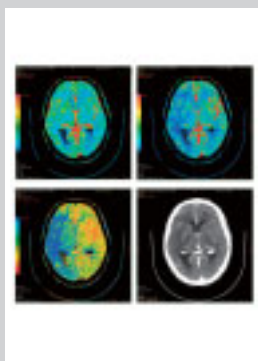
Printer for PET System



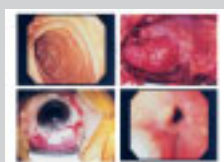
Printer for 3-D CT



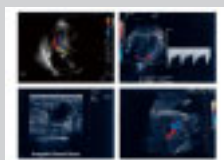
Printer for Endoscope



Perfusion



Endoscope



Ultrasound

SPECIFICATIONS

UP-D77MD	
Interface	DICOM 3.0 (100Base-TX/10Base-T)
Printing method	Dye transfer sublimation thermal printing
Resolution	300 dpi
Gradation	8 bit
Maximum print size	
A4 size (UPC-770)	203 x 272 mm (8 x 10 3/4 inches)
Letter size (UPC-771)	203 x 254 mm (8 x 10 inches)
Picture elements (Max)	
Letter size	3000 x 2400 dots (w/h)
A4 size	3208 x 2400 dots (w/h)
Printing Time	Approx. 85 seconds (A4)
Paper tray capacity	72 sheets
Maximum power consumption	100 to 240 V AC: 3.5 to 1.5 A
Dimensions (W x H x D)	493.8 x 176 x 468.8 mm (19 1/2 x 7 x 18 1/2 inches)
Mass	Approx. 21 kg (46 lb 5 oz)
Safety standards	UL60950-1, CSA C22.2No.60950-1, UL60601-1, CSA C22.22No.601.1, EN60950-1,
EMC	EN55022 Class B, EN55024, EN61000-3-2/3-3, EN60601-1-2, FCC Part 15 Subpart-B Digital Devices Class A ICES-003 Issue 4 Class A apparatus
Supplied accessories	Paper tray (1), Thermal head cleaning kit (1), Ink ribbon holder (1), Fan cover (1), Paper cover (1), Set-up guide (1), Bottom cover (1), CD-ROM (instruction manual) (1), Ferrite core for Ethernet cable (2)



Front Panel



Rear Panel

Optional Accessories



UPC-770

A4 Size Self-Laminating Color Printing Pack
 Contents : 72 sheets of print paper,
 a roll of ink ribbon
 Box size : 336 (W) x 322 (H) x 51 (D) mm
 (13 1/4 x 12 3/4 x 2 1/8 inches)
 Mass : 1.58 kg (3 lb 8 oz)



UPC-771

Letter Size Self-Laminating Color Printing Pack
 Contents : 72 sheets of print paper,
 a roll of ink ribbon
 Box size : 336 (W) x 322 (H) x 51 (D) mm
 (13 1/4 x 12 3/4 x 2 1/8 inches)
 Mass : 1.55 kg (3 lb 7 oz)

Distributed by

© 2005 Sony Corporation. All rights reserved.
 Reproduction in whole or in part without written permission is prohibited.
 Features and specifications are subject to change without notice.
 All non-metric weights and measurements are approximate.
 Sony is a registered trademark of Sony Corporation.
 All other trademarks are the property of their respective owners.