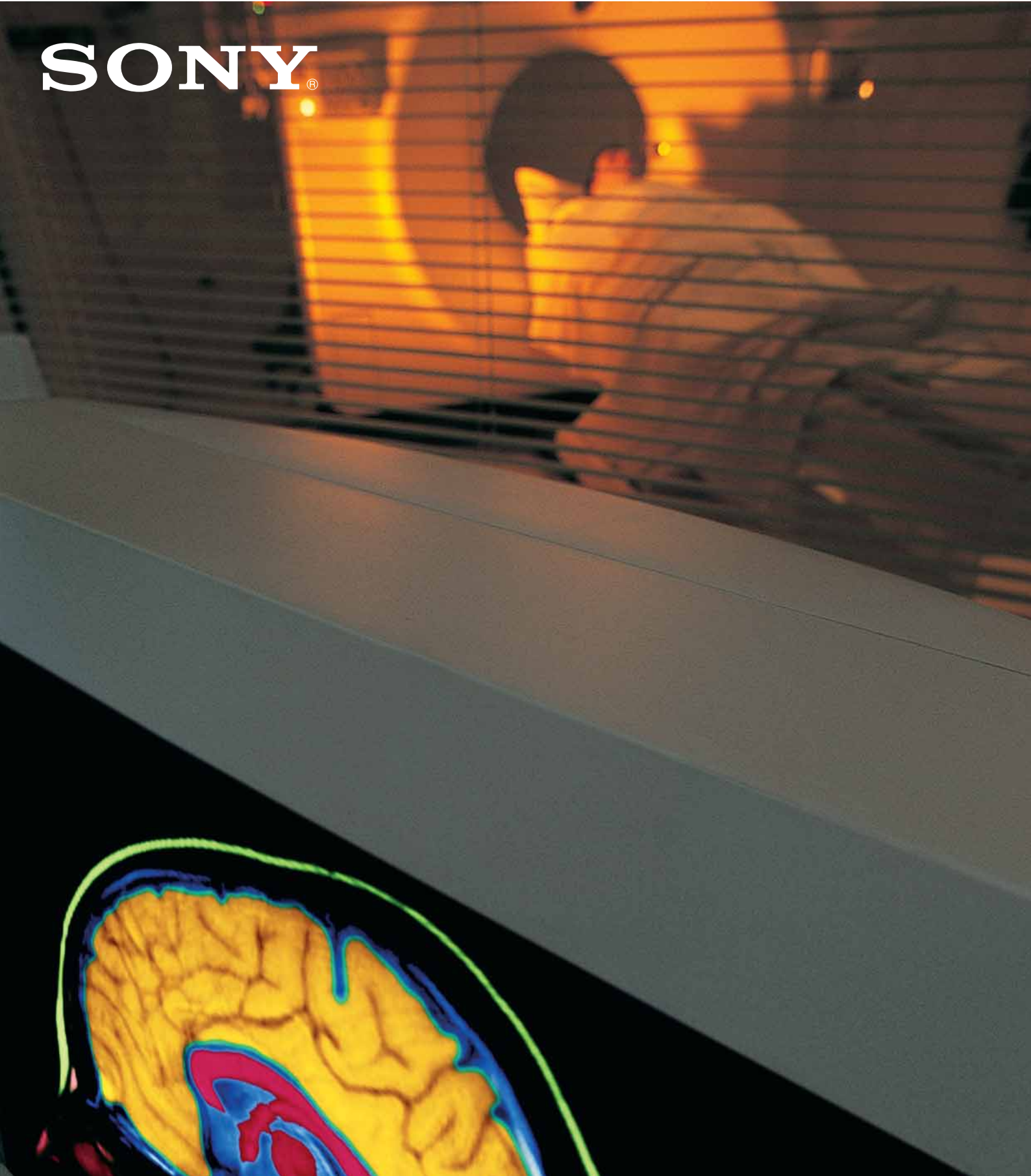


SONY[®]



UP-D77MD
DICOM Colour Printer



www.sonybiz.net/healthcare



“ The UP-D77MD increases treatment efficiency by reducing the time it takes to produce printed diagnostic materials. ”

The **UP-D77MD** is an A4/Letter size Dye-sub Colour printer with an integrated DICOM interface. Designed to meet the workflow and technology change in today's healthcare environment, the UP-D77MD is a superior product, further expanding Sony's DICOM printer portfolio.

The UP-D77MD is designed to be connected over DICOM directly to medical imaging modalities as well as to a broader DICOM network including HIS (Hospital Information Systems) and PACS (Picture Archive and Communication System).



UP-D77MD

A4 MEDICAL DIGITAL PRINTER WITH EMBEDDED DICOM INTERFACE

The DICOM (Digital Imaging and Communication in Medicine) standard has evolved out of the need to transfer images and associated information between medical imaging equipment from different manufacturers.

With MR, CT scans and other radiological modalities creating images in a wide range of still digital formats, the DICOM standard was originally aimed at promoting networkwide compatibility between patient record sources.

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 colour (C/M/Y) depth. Moreover, a high quality lamination surface provides a long lifetime of printing, as well as resistance to water and fingerprints.

Colour selection patch pictures function for easy colour set-up

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

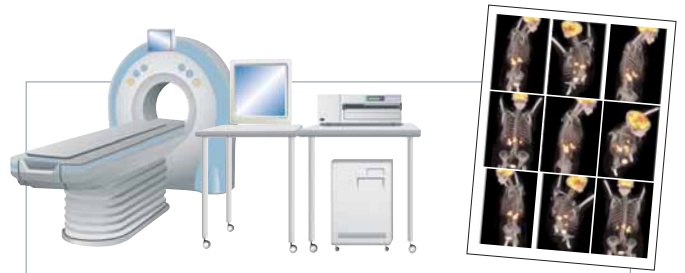
The front-loading operation makes it easy to replace paper and ribbon, and allows the UP-D77MD to be installed even in the tightest spaces.

TYPICAL DICOM NETWORK





Application Examples



PRINTER FOR **PET SYSTEM**



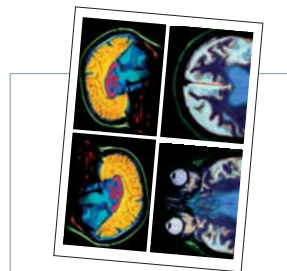
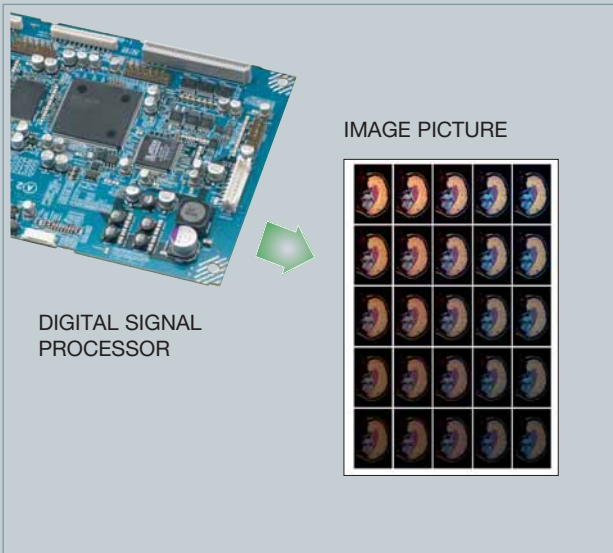
PRINTER FOR **3-D CT**



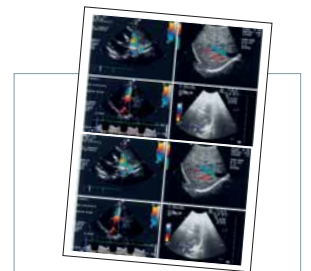
FRONT OPERATION – Easy to maintain



PRINTER FOR **ENDOSCOPE**



PERFUSION



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 (Electro-Magnetic Capability)	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)

Rear Panel



Front Panel



Print Media



UPC-770

A4 Size Self-Laminating Colour Printing Pack

Contents : 72 sheets of print media, 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)



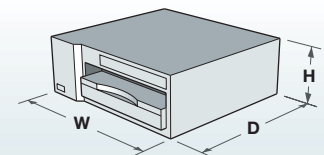
UPC-771

Letter Size Self-Laminating Colour Printing Pack

Contents : 72 sheets of print media, 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)

Dimensions



W 493.8mm (19 1/2 inches)
H 176mm (7 inches)
D 468.8mm (18 1/2 inches)