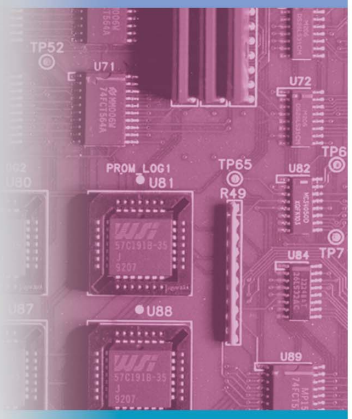
SONY

Digital Color Printer

UP-D55



HI-SPEED CERTIFIED USB

FEATURES

Superb print quality with a compact and lightweight body, the UP-D55 is ideal for use in a wide range of medical applications.

Just as medical image diagnostic equipment has changed in recent years – becoming smaller in size and progressing to digital technology – so too have the demands that customers place on their medical printers. In response to these changing demands, Sony introduces its new A5 digital color printer, the UP-D55. Using Sony dye sublimation technology, the UP-D55 produces A5-size prints of sharp and high quality at fast printing speeds. In addition, it has a compact and lightweight body so that it can fit into areas of limited space.
The optimum choice for many medical applications – for example in Endoscopy and Ultrasound systems – and also ideal for a wide range of scientific, industrial, and engineering uses, the UP-D55 provides you with working efficiency for high-performance printing.

Superb Print Quality and Color at approximately 379-dpi Resolution

Incorporating Sony dye sublimation printing technology, the UP-D55 can provide photo-realistic quality prints with a high resolution of approx. 379 dpi and a total gradation of 8 bits each for yellow, magenta, and cyan. The innovative Photo Quality Processor image-processing system provides highly accurate image reproduction.

High-Speed Printing

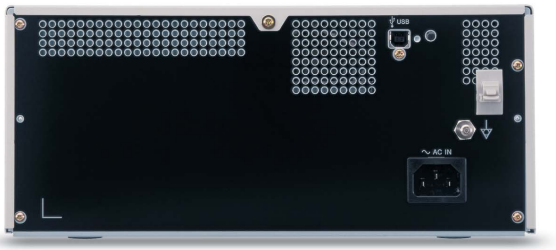
The UP-D55 can output an A5-size print in approx. 20 seconds. This rapid printing speed is the result of the introduction of the Photo Quality Processor, combined with a highly sensitive print media.

Compact Size and Useful Front Operation

The UP-D55 has a compact design with dimensions of approx. 280 (W) x 125 (H) x 398 (D) mm (11 1/8 x 5 x 15 3/4 inches) and, thanks to the adoption of a new printing mechanism, a weight of only 9 kg (19 lb 13 oz). It is more compact than conventional models, enabling it to fit into limited space. Furthermore, it is designed with a convenient front panel that offers easy maintenance and flexible set up.

USB Interface

Equipped with a USB 2.0 interface as standard, the UP-D55 provides enhanced network flexibility. It supports Hi-Speed USB in addition to the existing Full-Speed USB.



Rear Panel

Medical Regulations

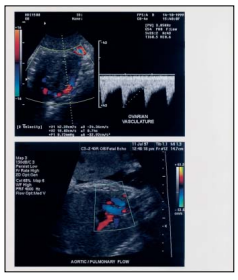
The UP-D55 complies with the following medical regulations that are applicable to medical devices:
UL-60601-1, UL-60950,
EN60601-1+EN60601-1-2 (EMC)

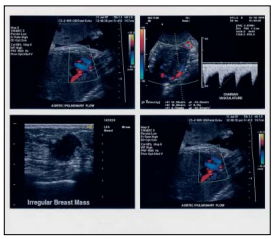
PC Compatibility

A PC utility driver software kit is bundled with the printer to enhance its flexibility. This software is compatible with Microsoft® Windows® 2000, XP.

2, 4 and 8 Split Image Print Mode

As well as printing out a single image, the UP-D55 can also provide two, four, and eight images split across a single sheet.



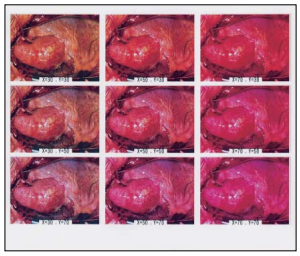


Universal Powering System

The UP-D55 can operate with AC 100 V to 120 V and AC 220 V to 240 V power supplies-making it suitable for use all around the world.

Color Balance Adjustment Function

A color balance adjustment function allows you to easily select the color that most closely matches your requirements. Three alternative gamma curves are also available, so you can select the one that provides the most suitable tonal range for your application.



Color Balance Adjustment

Image Spool Function

The image spool function enables the second image data to be transferred from the computer at the same time as the first image is being printed out. This feature dramatically reduces the total printing time.

Resize Function

The resize function allows you to enlarge images for printing. Each VGA (640 x 480), SVGA (800 x 600) and XGA (1024 x 768) image can be set for automatic enlargement to match the size of the paper. Since you don't need to resize the image on your PC, the working efficiency is increased.

Useful Features

- The UP-D55 allows you to choose freely where the dialog box that indicates printer messages will appear.
- The paper tray is equipped with a paper stopper that prevents printed sheets from sliding down.

SPECIFICATIONS

UP-D55	
Power requirements	100 to 120 V AC, 50/60 Hz (for 100 to 120 V AC users)
	220 to 240 V AC, 50/60 Hz (for 220 to 240 V AC users)
Input current	Max. 2.8 A at 25 °C (for 100 to 120 V AC users)
	Max. 1.2 A at 25 °C (for 220 to 240 V AC users)
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 90% (no condensation allowed)
Dimensions	Approx. 280 (W) x 125 (H) x 398 (D) mm (11 1/8 x 5 x 15 3/4 inches)
Mass	Approx. 9 kg (19 lb 13 oz)
Printing system	Dye Sublimation Printing
Printable pixels	2528 x 1920 dots (when printing the full-image)
Printing area	169 (W) x 129 (H) mm (6 3/4 x 5 1/8 inches)
Total gradation	256 levels each for yellow, magenta, and cyan
Printing time	Approx. 20 seconds (when the printer is set to high speed)
Thermal head	14.93 dots/mm
Connectors	Hi-Speed USB (USB Rev 2.0)
	AC IN (for power input)
Supplied accessories	Paper tray (1)
	USB connecting cable (1)
	Ink ribbon holder (1)
	Software License Agreement (1)
	Before Using this Printer (1)
	CD-ROM (including the printer drivers and PDF files of multi-lingual instructions for use) (1)

OPTIONAL ACCESSORY

Color Printing Pack

UPC-55

Contents: 200 sheets of print paper (100 sheets x 2 packs)
2 rolls of ink ribbon

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