

UP-D711MD

Digital Graphic Printer

SONY

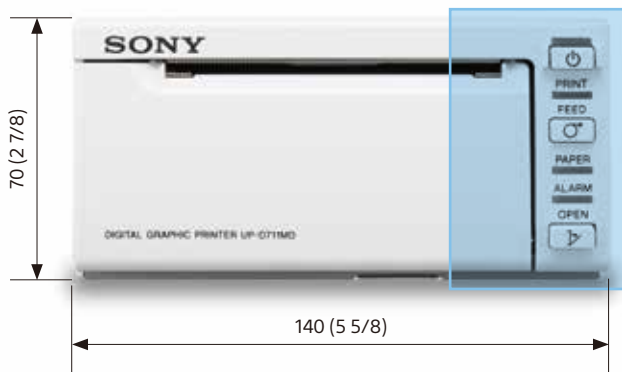


Compact, Reliable and Economical New Medical Grade Thermal Printer Offers Printing Convenience to Your Portable System

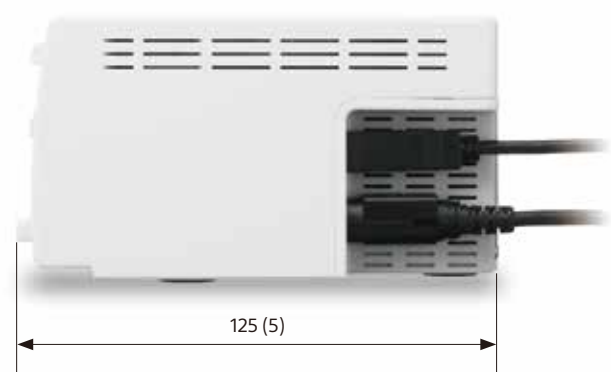
For over 20 years, Sony has been a trusted and reliable source of medical printers, offering high-quality printers with exceptional picture quality. Now, Sony is proud to introduce the UP-D711MD monochrome digital graphic printer to its reputable medical-grade printer line-up.

The UP-D711MD is designed to be used in an ultrasound system, particularly when portability is important. The size of the printer is extremely compact, and it uses 84 mm (3 1/2 inch) width print paper and direct DC input. It also offers an array of great characteristics from other popular Sony graphic printers, such as superb picture quality and reliability.

This compact, high-quality monochrome A7-size digital graphic printer is the ideal choice for downsizing and mobilizing your ultrasound system.



Front

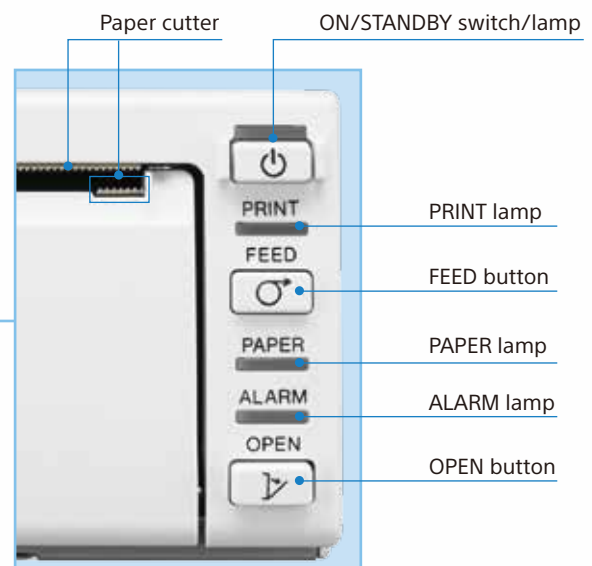


Side (with cables)

Unit: mm (inches)



Rear



Key Features

DC Input

The UP-D711MD operates with a DC power source from 12 to 24 V. The printer is designed so that its power can be supplied directly from a medical system without requiring an AC outlet and AC adaptor. In addition, you can use an optional AC-81MD AC Adaptor if you want this printer to operate on AC power.

Space-saving Compact Design

The UP-D711MD has a space-saving compact design with dimensions of 140 (W) × 70 (H) × 125 (D) mm (5 5/8 × 2 7/8 × 5 inches) and a weight of just 1 kg (2 lb 3 oz). This provides installation flexibility, with freedom to build your medical system to meet your specific design and ergonomic criteria.

Low Power Consumption

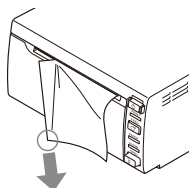
The power consumption of the UP-D711MD while printing and in stand-by is greatly reduced to less than 50% when compared with the UP-D897. This enables you to downsize the power supply system in your medical equipment, helping you to save energy.

Superb Picture Quality

Incorporating Sony's reputable thermal printing technology, and backed by decades of experiences in medical imaging, the UP-D711MD produces photo-quality prints with a high resolution of approximately 300 dpi and 8-bit (256 levels) processing.

Lower Edge Cutter

You can cut paper downwards by the lower edge cutter at both edges of the door. With this mechanism, it is possible to cut paper easily, even if the unit is placed in a narrow space where conventional upper blades cannot be used.



Installation-friendly

As well as being compact, the printer is designed so its shape incorporates space for the cable connectors. This means you can fit the printer into space-limited environments, and keep all cable connections organized.



Paper Type Selection

You can select which type of printing paper to use, according to your needs*1. UPP-84HG High Glossy Printing Paper produces high-quality, glossy and near-photographic-quality prints. UPP-84S High Quality Printing Paper delivers quality at an affordable cost.

Easy Paper Loading

Paper loading is very easy. Press the OPEN button to open the paper door and drop in the paper roll. Then simply close the door, and the printer is ready to use..



*1 The correct paper type must be selected on the printer driver before use.

Printing Features

Various Print Modes

The UP-D711MD offers a variety of print sizes including 4:3 aspect ratio and 3:1 panoramic size. Panoramic size prints are especially suited to dental applications. Furthermore, various print modes – including orientation and reverse printing – can be set in the printer driver menu.

Paper Saving Mode

The paper feed is reduced when the Auto Post Feed Mode setting is set to OFF in the printer driver. This lowers paper consumption when printing multiple images.

Resize Feature

Image data can be automatically enlarged to fit a preset printing area, simply by adjusting a setting in the printer driver. This speeds up host device transfer of small image data, as it reduces data transfer times.

Prints with Information

If required, above each printed image you can add relevant print condition information – you can include contrast, brightness, gamma and sharpness information. This is simple to achieve by adjusting settings in the printer driver.

Effective
Picture
Elements

Paper

Various Print Sizes

896 x 596 dots

896 x 1196 dots

896 x 672 dots

896 x 2688 dots

896 x 896 dots

Paper Saving Mode

Single print

Multiple Prints

Auto Post Feed Mode <ON>

Auto Post Feed Mode <OFF>

Sony UP-D711MD Printing Preferences

Print

Details/Adjust/Message

Paper Size: 896x1196

Paper Type: HG

Color: 1

Scaling: 100 %

☒ High Speed Print Mode

☐ Bridge to Paper

Interpolation Method: Bilinear

☒ Auto Post Feed Mode

Once every: 1 sheets

☐ Print with Information

Orientation

☐ Portrait

☒ Landscape

☐ Normal

☐ Reverse

Load

Save

About

Restore Defaults

OK

Cancel

Apply

SPECIFICATIONS

UP-D711MD	
Printing Method	Direct thermal printing
Resolution	300.6 dpi
Gradations	8 bits (256 levels) processing
Picture Elements	2,688 x 896 dots
Picture Area (Max)	75.7 x 227.1 mm (3 x 9 inch)
Paper Size	UPP-84HG: 84 mm x 12.5 m (3 1/2 inch x 41 ft) UPP-84S: 84 mm x 13.5 m (3 1/2 inch x 44 ft 3 inch)
Printing Time	Approx 5 sec / 896 x 1,196 dots (High speed print mode) Approx 8 sec / 896 x 1,196 dots (Normal speed print mode)
Picture Memory	One full size image : 2,688 x 896 x 8 (bit)
Interface	Full speed USB
Printer Driver Software	Windows XP 32/64bit, Vista 32/64bit, 7 32/64bit
Power Requirements	DC 12 V to 24 V
Input Current	6 A to 3 A
Operating Temperature	5°C to 35°C (41°F to 95°F)
Operating Humidity	20% to 80% (non condensing)
Storage and Transport Temperature	-40°C to +60°C (-40°F to +140°F)
Storage and Transport Humidity	20% ~ 80%
Dimensions (W x H x D)*1	140 x 70 x 125 mm (5 5/8 x 2 7/8 x 5 inches) Not incl. projecting parts
Mass	1Kg (2 lb 3 1/4 oz)
Supplied Accessories	Thermal head cleaning sheet (1), CD-ROM (1), Before using this printer (1)

*1 The values for dimension are approximate.

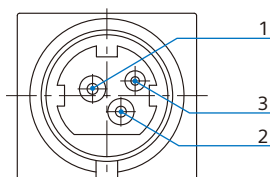
This product is distributed to US and EU as a medical device. It satisfies product safety standards (e.g. IEC 60601-1).

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

PIN ASSIGNMENTS

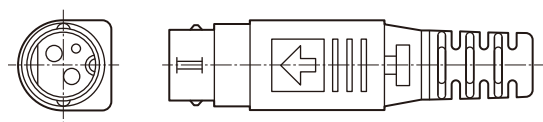
DC IN connector (Hoshiden TCS7960-53)

Pin No.	
1	DC IN
2	GND
3	NC



* The DC power plug needs to be Hoshiden TCP8927-53.

DC Power Plug



PRINTING PAPERS



UPP-84HG

High Glossy Printing Paper

Paper Size: 84 mm x 12.5 m (3 1/2 inch x 41 ft)



UPP-84S

High Quality Printing Paper

Paper Size: 84 mm x 13.5 m (3 1/2 inch x 44 ft 3 inch)

OPTIONAL ACCESSORY



AC-81MD

AC Adaptor

Input: AC 100 V - 240 V, 1.0 A - 0.5 A, 50/60 Hz

Output: DC 24 V, 3.3 A Max.

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