SONY

UP-D897
Digital Graphic Printer

UP-897MD
Video Graphic Printer

www.sonybiz.net/healthcare

Sony is proud to introduce the **UP-D897** monochrome digital graphic printer and the **UP-897MD** monochrome video graphic printer – the successors to the well-received **UP-D895** and **UP-895MD** medical printers.

Both new models are the smallest, most lightweight printers in their class – as well as the fastest, producing A6-size prints in approximately two seconds. In addition, Sony dye sublimation technology delivers sharp and high-quality print results, and a Jog dial on the front panel enables you to operate almost all settings effortlessly.

These compact and feature-rich A6-size monochrome printers are the ideal choice for medical applications.

UP-D897

UP-897MD

UP-D897   **D**IGITAL GRAPHIC PRINT

UP-897MD   **V**IDEO

Features

High-speed printing

The UP-D897 and the UP-897MD can produce A6-size prints with stunning speed in approximately two seconds*. That is half the speed of conventional printers, making the UP-D897 and the UP-897MD the fastest printers in their class.

* When using the UPP-110HG or UPP-110S, in high speed mode. Does not include the data transfer time.

Compact and small footprint

The UP-D897 and the UP-897MD have a compact and space-saving design with dimensions of approximately 154 (W) x 88 (H) x 240 (D) mm (6 1/6 x 3 1/2 x 9 1/2 inches). They are approximately 23% smaller than conventional models, which enables them to fit easily into medical carts.

Superior operability

A convenient front LCD display panel and Jog dial offer easy maintenance and flexible set up. Users can operate almost all settings, including designation of print paper type, by using the Jog dial on the front panel. Error messages and the type of print paper selected are displayed on the LCD, from which users can confirm them easily.

UPP-110HG

Superb print quality and colour

Incorporating Sony dye sublimation printing technology and a high print-head density, the UP-D897 can produce photo-quality prints with a high resolution of approximately 325 dpi and a gray level of 256 steps.

Choice of print media

Three types of print media have been prepared to meet the demands of various customers. One of them, the UPP-110HG High Glossy Printing Paper can produce high-quality, glossy, and near-photographic printing.

Medical regulations

The UP-D897 and the UP-897MD comply with medical regulations* that are applicable to medical devices.

* Please refer to the specifications table for complete listing.

Useful Printing Features

Various print modes (UP-D897 and UP-897MD)

The UP-D897 and the UP-897MD both offer Standard and Side print modes.

* When using the UPP-110HG or UPP-110S. When used in high speed mode. Does not include the data transfer time.

	STANDARD	SIDE
NORMAL (1 time)		
SMALL (0.5 times)		
SMALL (0.5 times, multi)		
2X ZOOM (2 times)		
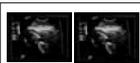
Detailed sharpness setting (UP-D897 and UP-897MD)

The UP-D897 and the UP-897MD offer a detailed sharpness setting, which can be set from the menu mode at 15 steps.

Multiple copy function (UP-D897 and UP-897MD)

The UP-897 Series can produce up to 20 copies* of the last printed image simply by pushing the COPY button.

* Including the first printout.

Resize feature (UP-D897)

The resize feature can automatically enlarge image data to fit a pre-set printing area. This allows users to transfer small image data in order to reduce the transfer time.

Panoramic-size print feature (UP-D897)

Especially suited to dental applications, the picture memory makes panoramic-size prints possible.

Zoom function (UP-897MD)

The prints can be resized from 0.5 to 2 times at 0.1 times steps. Optional areas can be selected for re-sizing.

Image capture function (UP-897MD)

The UP-897MD can capture and save up to 10 transferred images to an embedded memory by pushing the print button. Images saved in the memory can be browsed on the optional monitor, and users can select and print them via the menu setting. In addition, it is possible for users to scale image data in desired areas before re-printing.

Selectable 4:3 or 1:1 aspect ratio (UP-897MD)

Automatic selection of EIA or CCIR video signal (UP-897MD)

TER

GRAPHIC PRINTER

UPP-110HD   UPP-110S

Universal power system

The UP-D897 and the UP-897MD can operate with AC 100 V to 240 V power supplies, making them suitable for use all around the world.

Other Features

- Print-setting information (Bright, Contrast, Gamma, and Sharpness values) can be printed on a blank space of the print paper.
- Up to three menu setting values can be saved into embedded memory and can be printed.

PC compatibility (UP-D897 only)

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

SONY®

Specifications

	UP-D897	UP-897MD
Thermal head	Thin-film thermal head, 1280 dots	
Gradation	8-bit (256 levels) processing	
Resolution	325 dpi	
Picture elements	4096 x 1280 dots (max.)	(when "SC:WD1" is selected from "SCAN") EIA: 1210 x 490 dots CCIR: 1210 x 582 dots
Dot density	H: 12.8 dots/mm = 0.078 V: 12.8 dots/mm = 0.078 Square dots	
Picture size	320 x 100 mm (max.)	(when "SC:WD1" or "SC:NOR" is selected from "SCAN") When "S:STD" is selected from "SIDE" EIA: 94 x 73 mm CCIR: 94 x 71 mm When "S:SIDE" is selected from "SIDE" EIA: 124 x 96 mm CCIR: 127 x 96 mm
Printing speed	Approx. 2 seconds/image (960 x 1280 dots) (printing at high speed) Approx. 3.3 seconds/image (960 x 1280 dots) (printing at normal speed)	Approx. 2 seconds/image (at standard setting) (when "SP:HI" is selected from "SPEED") Approx. 3.3 seconds/image (at standard setting) (when "SP:NOR" is selected from "SPEED")
Memory capacity	4096 x 1280 x 8 (bit)	
Picture memory		10 frames (800 k x 8 bits for one frame)
Interface	Hi-Speed USB (USB 2.0)	Input connector: VIDEO IN (BNC type) EIA or CCIR composite video signals 1.0 Vp-p, 75 ohms/high-impedance (EIA/CCIR automatically discriminated) Output connector: VIDEO OUT (BNC type) EIA or CCIR composite video signals 1.0 Vp-p, 75 ohm loop-through/EE switchable REMOTE connector: stereo mini jack
Power requirement	100 to 240 V AC, 50/60 Hz	
Input current	1.5 A to 0.8 A	
Operating temperature	5 °C to 35 °C (41 °F to 176 °F)	
Operating humidity	20% to 80%	
Storage and transport temperature	-20 °C to 60 °C (-4 °F to 140 °F)	
Storage and transport humidity	20% to 90%	
Dimensions (W x H x D)	154 x 88 x 240 mm (6 1/6 x 3 1/2 x 9 1/2 inches)	
Mass	2.6 kg (5 lb 11 oz) (printer only)	
Safety standards	UL60950-1+CSA C22.2No.60950.1 +UL60601-1+CSA No.60601-1 FCC/IC Class A Digital Device EN60950-1+EN60601-1 EN55024+EN55022: Class B + EN60601-1-2 IEC60950-1+60601-1 C-Tick AS4252.1+AS3548 : Class B GB4943(IEC 950)+GB9254(CISPR 22) VCCI Class A +mains harmonic current regulation	
Supplied accessories	Thermal head cleaning sheet (1) CD-ROM (including multi-lingual operating instructions, Readme and printer driver) (1), USB cable (1)	Thermal head cleaning sheet (1) Operating instructions

Rear Panel

UP-D897

UP-897MD

Dimensions
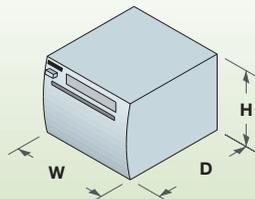
W	154mm (6 1/6 inches)
H	88mm (3 1/2 inches)
D	240mm (9 1/2 inches)

Print Media

UPP-110HG High Glossy Printing Media (110 mm x 18 m)
UPP-110HD High Density Printing Media (110 mm x 20 m)
UPP-110S High Quality Printing Media (110 mm x 20 m)

Optional Accessories

RM-91
Remote Control Unit

FS-20
Foot Switch