



UP-55MD

Thanks to a new printing mechanism the UP-55MD is more compact than the former UP-50 / 51 series

Colour video printer



With the recent miniaturization trend of medical visualization systems such as ultrasound and endoscope systems, size is one of key factors for any on-cart peripherals in order to fit such systems. The UP-55MD Color Video Printer is designed to fit these requirements. The compact and lightweight body can fit into any limited spaces not only an on-cart system but also any other environment for medical applications, in OR and/ or a doctor's office. And, Sony dye sublimation technology enables UP-55MD to produce high quality A5 size prints in 20 seconds.

Features

Front Operation

Front operation offers easy maintenance and flexible set up even if it is installed on the cart.

Superior Print Quality and Color Reproduction at 379 dpi Resolution

Thanks to dye sublimation printing technology, with a total gradation of 8 bits (256 levels) processing each for yellow, magenta and cyan, the UP-55MD provides photo-realistic quality prints.

Intelligent media tray

Media tray has a paper stopper which can be pulled out on the tray.

Multiple Print Mode

The UP-55MD can provide images in full, or with two, four and eight images split across a single sheet.

Colour Balance Adjustment Capability

The colour balance adjustment function allows users to select the most suitable balance to match the expected colours for printed images. And three alternative gamma curves make it possible to adjust the best tonal range for each requirement.

Print Media

The UPC-55 Colour Print Pack consists of 2 ink ribbons and 2 packs (100 sheets per pack) of print media (178mmx152mm). One UPC-55 is for 200 prints.

Help Function

To reduce risk of a loss of images in a frame memory when an error occurs, the UP-55MD automatically saves them with all last menu setting into on-board Memory Stick when a mechanical error occurs. Users can reprint the saved images in Memory Stick with the UP-55MD. The attachment position of Memory Stick is inside the front panel. The Memory Stick is accessible only by service people. The data in Memory Stick can be printed out only with the UP-55MD.

Image Copy Function

Image Copy Function enables users to store printed images to a memory device inserted into the USB host port on the front of the UP-55MD. Images are saved in forms of JPEG and it is then possible to use them as common

digitalized data for any other purpose such as medical report, presentation, and any other documentation with the images. The saved images cannot be re-stored back to

the UP-55MD to re-print. ** USB flash memory is available as an option, not supplied with the unit.

Technical Specifications

Printing Method:	Dye sublimation printing
Thermal Head:	379 dpi
Gradations:	8 bits (256 levels) processing each for yellow, magenta and cyan.
Effective Print Pixels:	2,528x1,920 dot
Printing Area:	169mmx129mm (6 3/4 x 5 1/8inch)
Print Media Size	178mmx152mm (7 1/8 x 6 inch)
Memory	8 Frames
Printing Speed: (High-speed mode)	Approx. 20 sec.
Media Capacity:	Max.100 sheets
Input/Output Connectors	R/Cr, G/G+S/Y, B/Cb, SYNC*, Video, S-Video
External memory terminal	Memory Stick Slot (Built-in) USB host port (USB flash memory is not supplied, available as an option.)
Controls Connectors	RS-232C, Infrared remote control, Remote 1,2
Max. Power Consumption:	100-120V: 2.8A, 220-240V: 1.2A
Dimensions:	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)
Print Media:	UPC-55 (Color print pack)

Supplied Accessories

- Ink ribbon holder (1) - Paper Tray
- (1) - Operating instruction leaflet
- "Before Using This Printer" (1) - Instruction for use (English, French, German) (1) - CD-ROM (PDF files of multi-lingual instructions for use)
- (1) - Service and Customer Support Information (1)