SONY®

Digital Film Imager

UP-D71XR

The Sony UP-D71XR is a compact, high-speed, high-resolution digital-film imager designed for use with X-ray diagnostic systems, such as mobile c-arm units and dental X-ray systems.

Supporting both 8 x 10 inch Blue Thermal Film and Thermal Printing Paper, it offers photo-quality film and prints with 256-step grayscale. Its use of Sony dry-processing technology eliminates the need for chemical photofinishing.

With a variety of other convenient features packed into its compact body, the UP-D71XR is ideal for use in a wide range of medical applications.
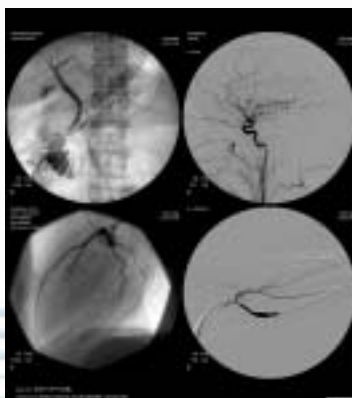
Excellent Image Reproduction

The UP-D71XR incorporates Sony direct thermal-printing technology, which enables photo-realistic prints to be reproduced with a high resolution of 300 dpi (approx.). The imager also offers support for both 8 x 10 inch Blue Thermal Film and Thermal Printing Paper, making it suitable for a variety of applications.

■ Blue Thermal Film

The new UPT-735BL Blue Thermal Film allows X-ray images to be reproduced extremely clearly, with an optical density of 3.0, equivalent to conventional silver-halide X-ray film. To prevent interference in your analysis of the X-ray image, this film also offers a haze level of approximately 25%*.

*Transparency is measured with a haze meter.

Precise Gamma Curve Adjustment

The UP-D71XR recognizes the type of media being used - either Blue Thermal Film or Thermal Printing Paper - and automatically adjusts the gamma curve as appropriate to reproduce a precise grayscale.

High-Speed Printing

Ideal for time-critical medical applications, the UP-D71XR offers an impressive printout time of just 45 seconds for an 8 x 10 inch image.
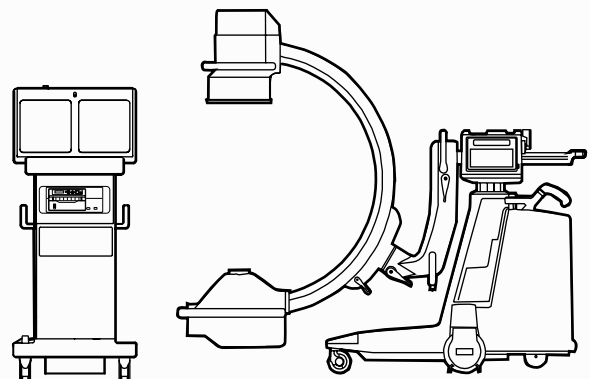
Supports High-Speed Data Interfaces

The UP-D71XR is equipped with SCSI and IEEE1284* interfaces, both of which allow data to be transferred to it at high speed from external devices.

* Supported in ECP (Extended Capabilities Port), Compatible-Nibble and Compatible modes.

Compact and Lightweight Design

At just 16 1/4 x 8 3/8 x 17 inches, W x H x D and a mere 34 lb 3 oz in weight - and with no unnecessary top and side projection ports - the UP-D71XR can be easily mounted on a mobile c-arm cart.

Front-Loading Operation

The UP-D71XR has been designed for easy operation and maintenance. All important controls are on the front panel. An easy to read LCD display is also located on the front panel making the user aware of all printing functions.

Secure Locking System

The newly designed secure paper tray lock system is built for the mobile market in mind. This system locks the paper tray during movement.

Media Window

The unit is equipped with a small media window on the paper tray. This enables you to check the amount of film or paper still available without actually opening the paper tray.

Detachable Dust Filter

To prevent the cooling fan from drawing dust into the imager, the UP-D71XR features a detachable dust filter. This avoids such problems as white spots appearing on image printouts.

Image Resizing Feature

You can print images in full, or with two or four images split across a single sheet, using the UP-D71XR's image resizing feature*.

* This feature is not supported by the supplied Microsoft Windows®-compatible printer driver. For more details, please contact your nearest Sony office.

Worldwide Power Supply

The UP-D71XR is suitable for around the world because it can operate with AC 100 V to 120 V and AC 220 V to 240 V power supplies.

Dry Processing Technology

The UP-D71XR is based on Sony dry-processing technology, which means the print media uses no liquid chemicals or heavy metals such as silver. This frees you from the hassle of disposing of chemical waste.

Print by Sony ™

S P E C I F I C A T I O N S

Printing Method:	Direct Thermal Printing
Resolution:	300 dpi
Gradation:	256 gray levels
Effective Print Pixels:	2743 x 2320 dots
Print Area:	9 1/4 x 7 3/4 (232.2 x 196.4 mm)
Printing Time:	Approx. 45 seconds
Memory:	16 MB
Interface:	SCSI, IEEE1284 (ECP, Compatible-Nibble and Compatible modes)
Paper tray capacity:	100 sheets (max.)
Power consumption:	270 W (max.)
Power requirements:	AC 100 to 120 V, AC 220 to 240 V, 50/60 Hz
Dimensions:	16 1/4 x 8 3/8 x 17 inches (w/h/d) (412 x 210 x 431 mm)
Weight:	34 lb 3 oz (15.5 kg)
Safety standards:	UL1950, UL2601-1 listed, CSA C22.2 No.950/No.601.1, EN60950, EN60601-1, EN55022, EN60601-1-2, AS3548

Supplied Accessories:	Paper tray
	Detachable fun filter
	Thermal head cleaning kit
	Cleaning sheets (2)
	Tray guide cover
	AC power cord
	Operation guide
	Warranty card
	SOFTWARE LICENSE AGREEMENT
	CD-ROM (Printer drivers (SCSI, IEEE1284) for Windows NT®, Windows 2000® and Windows XP®, Instruction manual)

* Driver Software is also available at the following URL: http://www.sony.co.jp/DP-driver-E/

Rear Panel

O P T I O N A L   A C C E S S O R I E S

UPT-735BL Blue Thermal Film Printing Pack

Contents: 100 sheets of print film

UPP-725 Thermal Paper Printing Pack

Contents: 100 sheets of print paper

SONY®

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