

UP-D72XR

Digital Black and White Thermal Printer, format 20x25 cm



Overview

Achieve photo-quality film and prints with the compact UP-D72XR

The Sony UP-D72XR has been specifically designed for use with X-ray diagnostic systems, such as mobile c-arm units and dental X-ray systems.

Superior image reproduction.

The UP-D72XR incorporates Sony direct thermal-printing technology, which enables photo-quality prints to be reproduced with a high resolution of 300 dpi (approx.).

Print media flexibility.

The UP-D72XR offers support for both 8 x 10 inch Blue Thermal Film and Thermal Print Media, making it suitable for a variety of applications.

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 silverhalide 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.

The new UPP-725 Thermal Print Media offers superior-quality

monochrome image reproduction for clear viewing of the X-ray image.

Automatic media recognition.

The UP-D72XR recognises the type of media being used – either Blue Thermal Film or Thermal Print Media – and automatically adjusts the gamma curve as appropriate to reproduce a precise greyscale

High speed printing.

Ideal for time-critical medical applications, the UP-D72XR offers an impressive printout time of just 45 seconds for an 8 x 10 inch image.

Supports High Speed Data Interfaces.

The UP-D72XR is equipped with USB 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 412 x 210 x 431 mm (16 1/4 x 8 3/8 x 17 inches, W x H x D) and a mere 15.5 kg (34 lb 3 oz) in weight – and with no unnecessary top and side projection ports – the UP-D72XR can be easily mounted on a mobile c-arm cart.

Features

Front-Loading Operation.

The UP-D72XR 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 print media tray lock system is built

for the mobile market in mind. This system ensures that the print media tray will remain locked during movement.

Window for Easy Media Availability Checking.

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

Detachable Dust Filter.

To prevent the cooling fan from drawing dust into the imager, the UP-D72XR features a detachable dust filter. This avoids such problems as white spots appearing in 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-D72XR'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-D72XR is suitable for use all around the world because it can operate with AC 100 V to 120 V and AC 220 V to 240 V power supplies.

Environmentally Friendly.

The UP-D72XR is based on Sony dry-processing technology which means the print media use no liquid chemicals or heavy metals such as silver. This frees you from the hassle of disposing of chemical waste.

Generic Specifications

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|---------------------------|---|
| Printing Method | Direct Thermal Printing |
| Resolution | 300 dpi |
| Gradation | 256 grey levels |
| Effective Print Pixels | 2743 x 2320 dots |
| Print Area | 232.2 x 196.4 mm (9 1/4 x 7 3/4 inches) |
| Printing Time | Approx. 45 seconds |
| Memory | 16 MB |
| Interface | USB, IEEE1284 (ECP, Compatible-Nibble and Compatible modes) |
| Print media 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 | 412 (W) x 210 (H) x 431 (D) mm |
| Mass | 15.5 kg (34 lb 3 oz) |
| Safety standards | UL1950, UL2601-1, CSA C22.2 No.950/No.601., EN60950, |

Safety standards

EN60601-1, EN55022, EN60601-1-2,
AS3548

Supplied Accessories

Print media tray

Detachable dust 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 (USB,
IEEE1284) for Windows
NT, Windows 2000 and
Windows XP,
Instruction manual)

Gallery

