

# UP-D890

SONY

## UP-D890 DIGITAL GRAPHIC PRINTER

The flexibility of digital images has brought significant benefits to many scientific applications such as laboratory research, scientific analysis, manufacturing inspection, and other fields. As the use of digital image technology has expanded, so has the requirement for a printer that provides operational and system flexibility as well as high quality prints.

The new UP-D890 Digital Monochrome Printer incorporates techniques that have been developed over several years of printer manufacture, therefore providing stunning hard copies with 256 brightness gradations. The UP-D890 outputs standard 100mm x 100mm prints as well as 500mm x 100mm panoramic-size prints.

Equipped with a bi-Centronics interface, the UP-D890 can be directly connected to computers and measuring equipment including electronic microscopes and industrial X-ray systems. This interface allows for mutual communication between the printer and a connected computer and since it supports the ECP mode (Encapsulated Postscript®), data is quickly transferred to reduce overall print time.

Fast, high quality printing makes the UP-D890 a valuable component in any system which reproduces images in scientific applications.

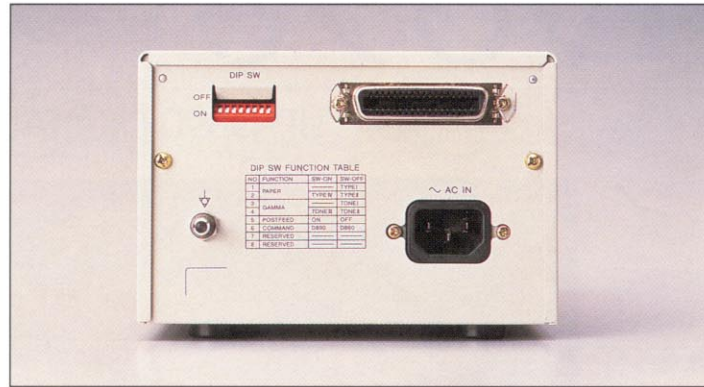


## FEATURES:

- High speed printing at approximately 5.5 seconds/print (standard size)
- Bi-Centronics Interface (IEEE1284)
- 256 gray levels provide photo-realistic B&W prints
- 100 x 100mm standard print picture size
- Windows® 3.1 and Windows 95 driver software included
- 500mm x 100mm Panoramic print capability with optional 4 MB memory
- User selectable print modes



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## SPECIFICATIONS:

### PRINT PERFORMANCE

<b>Printing Method:</b>	Direct thermal printing
<b>Thermal Head</b>	
<b>Resolution:</b>	Thin film thermal head 1024 dots/100mm (260dpi)
<b>Gradations:</b>	256 gray levels
<b>Maximum Effective Print Pixels:</b>	1024 x 1024 dot 5120 x 1024 dot with optional 4 MB memory
<b>Print Picture Size:</b>	100 x 100mm 500 x 100mm with optional 4 MB memory
<b>Print Speed:</b>	Approx. 5.5 seconds/print $\pm$ 10% (1024 x 1024 dot)
<b>Picture Memory:</b>	1024 x 1024 x 8-bit 5120 x 1024 x 8-bit with optional 4 MB memory
<b>Interface:</b>	Centronics (Bi-directional parallel interface) (Conforms to IEEE-STD-P1284 Compatible, Reverse-Nibble modes and supports the ECP mode)
<b>Power Requirement:</b>	AC 100-120V/220 to 240V, 50/60 Hz
<b>Power Consumption:</b>	120V: 1.5A 220 to 240V; 0.8A
<b>Safety Regulations:</b>	UL1950, CSA C22.2 No. 950
<b>Dimensions:</b>	6 <sup>1</sup> / <sub>16</sub> x 4 <sup>3</sup> / <sub>16</sub> x 11 <sup>15</sup> / <sub>16</sub> inches 154 x 106.5 x 303.5mm (WHD) excluding projecting parts
<b>Weight:</b>	Approx. 7 lb. 15 oz. (3.6kg)

### Supplied Accessories:

Printer driver for Windows 3.1 and Windows95  
UPP-110HA Superior Density Printing Paper  
Head Cleaning Sheet  
AC Power Cable  
Instruction manual

### Optional Media:

UPP-110HA (110mm (W) x 18m)  
Superior Density Printing Paper  
UPP-110HD (110mm (W) x 20m)  
High Density Printing Paper  
UPP-110S (110mm (W) x 20m)  
Printing Paper

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