

**P-93W**

*Monochrome Thermal Printer*

**MITSUBISHI  
ELECTRIC**  
MEDICAL IMAGING



## HIGH SPEED, HIGH RESOLUTION PRINTER WITH USER-FRIENDLY CONTROLS FOR MEDICAL APPLICATIONS

### Key Features

- High speed printing
- High-density 325 dpi thermal head
- User-friendly controls conveniently located on front panel
- Small footprint
- Jam-free reliability
- Worldwide compatibility

The P-93W is a high speed, high resolution monochrome printer with worldwide compatibility for medical applications. User-friendly controls including slide-switches for size and mode and a dial for adjust control are conveniently located on the front panel making it exceptionally simple and easy to operate. The compact and lightweight P-93W is designed with a uniquely thin printing mechanism that sharply reduces the required amount of installation space, providing added convenience for use and installation. A high density 325 dpi thermal head and resolution of 1280 x 500 pixels results in exceptionally sharp reproduction of even the most intricate details.

*If It's Medical Imaging, It's Mitsubishi.*

## Monochrome Thermal Printer

### FEATURES AND SPECIFICATIONS

#### High-Speed Printing

Prints 3.9 x 3.0" image (1280 x 500) at high-speed in approximately 3.3 seconds.

#### Choose from Six Printing Sizes

Print size is easily set and meets all hospital print size needs. Prints output of medical images that are easier to see and interpret than ever before.

#### Dependable, High Resolution Images for Medical Applications

High-density thermal head and thermal recording mode reproduce delicate lighting and shade. High resolution 1280 x 500 pixels and 256 grades for normal size printing (horizontal picture element density of 325 dpi).

#### Simple and Convenient to Operate

The most complete and convenient user interface. All principal functions are accessible from the front panel.

- Supplementary prints are easily output; simply press the front panel copy button.
- $\gamma$ -adjustment function supports a wide variety of applications.
- Many settings are easily checked; LED indicators provided for most settings.

#### Compact Thermal Printer

A uniquely thin printing mechanism sharply reduces installation space.

#### Worldwide Compatibility

- 100-240V power supply
- Compatible with UL 2601-1 & CE(LVD,MDD)



<b>Functional</b>	Print Method	Thermal printing on thermal sensitive paper
	Dot Density	12.8 dot/mm (325 dpi)
	Resolution	NTSC 1280 x 500 (normal); PAL 1280 x 600 (normal)
	Greyscale	256 levels
	Input Signal	Standard composite video (NTSC and PAL)
	Interface	BNC (input and output)
<b>Memory</b>	10 Frames	
<b>Print Size Mode</b>	6 image sizes	Normal, Side (landscape), Multi-Normal, Multi-Side, Square (1:1), and Expand (x 0.5 to 2.0)
<b>Print Capacity</b>	Normal	Approx. 260 prints (paper save mode)
	Side (Landscape)	Approx. 150 prints (paper save mode)
	Square (1:1)	Approx. 195 prints (paper save mode)
<b>Print Speed</b>		NTSC PAL
	Normal	3.3 sec. 3.9 sec.
<b>Picture Size</b>	Side (Landscape)	8.4 sec. 8.4 sec.
	Normal	Approx. 3 x 4 inches
	Side (Landscape)	Approx. 4 x 5.2 inches
	Square (1:1)	Approx. 4 x 4 inches
<b>Physical</b>	Dual Power Supply	AC 100-240V, 50/60 Hz
	Power Consumption	1.5 to 0.8 amps
	Dimensions (W x D x H)	Approx. 6 x 9.8 x 3.5" (152 x 249 x 89 mm)
	Weight	Approx. 6.16 lbs. (2.8 kg.)
	<b>Regulatory Approvals</b>	UL2601-1; CAN.CSA C22.2 No.601-1(C-UL), FCC-Class A,TUV GS, TUV GM; CE Mark (EMC; 89/336/EEC)
<b>Accessories</b>	Instruction book, thermal paper (KP65HM-CE), cleaning paper, BNC/BNC cable, wired remote, AC power cord (AC 120V type)	

#### OPTIONS

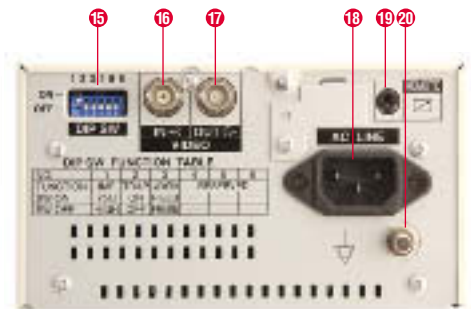
<b>Thermal recording paper</b>	
<b>KP65H-CE/KP65HM-CE</b>	High-density thermal roll paper
<b>KP61S-CE</b>	Multitones thermal roll paper
<b>KP91HG-CE</b>	High glossy thermal roll paper

#### FRONT PANEL



- |                             |                           |
|-----------------------------|---------------------------|
| 1. Power button             | 8. CONT (contrast) button |
| 2. SIZE switch              | 9. FUNC (function) button |
| 3. MODE switch              | 10. FEED button           |
| 4. Indicator                | 11. COPY button           |
| 5. Indicator (BRT/CONT/EXP) | 12. PRINT button          |
| 6. ADJUST control           | 13. Print exit cutter     |
| 7. BRT (brightness) button  | 14. Open lever            |

#### REAR PANEL



- |                                     |
|-------------------------------------|
| 15. DIP switch                      |
| 16. VIDEO IN connector (BNC type)   |
| 17. VIDEO OUT connector (BNC type)  |
| 18. Power terminal (AC line)        |
| 19. Remote control terminal         |
| 20. Potential equalization terminal |

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