INK JET PRINTER

HITACHI Inspire the Next



Hitachi IJ Printer PXR-H model

More Reliability

- >>> Full protection against dust and water jets in harsh environment(IP55).
- >>> Combination of viscosity control and ink density control help to achieve stable drop formation and high quality printing.
- >>> Original ink circulation system provides more stable ink return.
- >>> Wide operating temperature 0-40°C(JP-K67).
- >>> The use of a PCMCIA card ensures safe data storage.



Even higher print speed and print quality

>>> PXR Series has high speed model PXR-H450W Maximum print rate is up to 3,173 (characters/s). [Nozzle size:55µm Font 5×5,space 1,1 line]

Integration of high-tech and state-of-the-art design

- >>> Easy and quick operation by large color liquid crystal touch panel. Edit message screen can be set to ABC or QWERTY format.
- >>> Nozzle and gutter are automatically cleaned before stopping.
- >>> Small footprint and light.
- >>> Solvent evaporation is reduced by the ink return system which confines the mixing of air and ink.
- >>> Various printing functions are available.
 [Line mixture and font mixture, creation of user patterns, bar code printing, etc.]
- >>> Various coding functions are available.

 [Date / time automatic update, calendar substitution, basic numbering, etc.]
- >>> User-friendly coding functions are available.

 [Recall / registration, reciprocation printing, speed follow-up, etc.]
- >>> Help functions are available.

 [User help messages, log management function, password function, etc.]





More User friendly

TFT LCD is adopted for large color LCD touch panel (10.4 inch).

The TFT LCD's good brightness & visiblilty make the operation easier and quick.

Various ink types and colors INKs

- >>> Hitachi IJP can provide various ink types and colors to meet all customer requirements.
- >>> Ink colors : red, black.
- >>> Special ink types : ethanol based ink, chrome-complex dye free ink, etc.

Easier maintenance

- >>> Easy replacement of ink filter by newly developed ink system.
- >>> Even stronger printhead.



Hitachi IJ Printer PXR-H model

High speed character: Nozzle size 55 µm



-1Line (5×5) -

0123456789ABCDEFGHIJKLMNOFQRSTUVWXV

-1Line (5×7) -

0123456789ABCDEFGHIJKLMNOPQRSTUVWXY

-2Line(5×5)

USE BY 07.03.01 MFG.NO.06.02.28 -2Line(5×7)-USE BY 08.05.01 MFG.NO.06.02.28

Hitachi IJ Printer PXR-H model

Standard Specifations

Printing specifications				
Model	PXR-H450W			
Nozzle size	55μm			
Max. print line number	Up to 4 Lines			
Maximum number of print characters (each line)	1 Line: Up to 240 characters 2 Line: Up to 120 characters 3 Line: Up to 80 characters 4 Line: Up to 60 characters			
Dot matrix (horizontal x vertical)	1-4 Line: 5×8 (or 5×7) 1-3 Line:5×5, 5×8 (or 5×7) 1-2 Line:5×5, 5×8 (or 5×7), 7×10 (or 9×7, 9×8) 1 Line: 5×5, 5×8 (or 5×7),12×16			
Character height	0.08 - 0.25 inches / 2 - 6.5mm			
Display & input device	Display: TFT LCD (10.4 inch, color), backlight provided Input Device: Touch panel, input sound provided			
Screen language 2 language selectable:	English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish and Arabic available			
Maximum print rate (characters / s) (Font 5 x 5, space 1, 1 line)	Up to 3,173			
Standard characters	Alphanumeric (A-Z, a-z, 0-9), symbols (27), space: Total 90			
Number of user pattern registration	Each dot matrix 128 patterns			
Print functions	Calendar, Counter, Message storage (150 messages), Font mixture, Passwords security, Bar codes (code39, ITF, NW-7, EAN13/UPC-A, Code128/EAN128), Encoder function, Reciprocation printing, etc.			
Input signal	Print target detection, Printing stop, Reciprocative printing, Rotary encoder pulse			
Output signal	Print ready, Fault, Warnig, Print in progress or print end, On line			
Data interface	RS-232C at baud rates selectable up to 19.2 kbps			

General specifications						
Operating temperature range	PXR-H450W: 32-104 °F (JP-K67, K69 lnk)					
Humidity range	30-90% R.H. (no condensation) Note: When humidity is more than 85 %RH, please purge inside of print head by air.					
Power supply (Automatic voltage selection)	AC 100-120 / 220-240V±10% 50/60 Hz 150 VA (AC Inlet)	Print head cable length	13.1ft / 4 m			
Approval	CE, UL, cUL, C-Tick	Overall size (width x depth x height)	15.7×12.4×20.3 inches 400×315×515 mm			
Cabinet	Stainless Steel/ IP55	Approximate weight	55lbs / 25kg			

Font Print Samples							
Model Font		Nozzle Size: 55 μm					
	1 LINE	0123456789ABCDEFGHIJKLMN %	to 50 ft/min				
5×5	2 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOF@RSTUVWX %	to 0 ft/min				
	3 LINE	O183456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPORSTUVWX O183456789ABCDEFGHIJKLMN W	o to 3 ft/min				
5×7	1 LINE	0123456789ABCDEFGHIJKLNN w	o to 3 ft/min				
	2 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX %	o to 3 ft/min				
	3 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX 0123456789ABCDEFGHIJKLMN %	o to O ft/min				
	4 LINE	0123456789ABCOEFGHIJKLMH ABCDEFGHIJKLMNOPGRSTUVWM 0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPGRSTUVWM 20	to 6 ft/min				
12×16	1 LINE	0123456789	to 6 ft/min				

Console Printhead

Frinthead

Printhead

For further information, please contact your nearest sales representative.





^{*1.}Hitachi Industrial Equipment Systems Co.,Ltd. (Hitachi) shall not be liable for any manufacturing loss, or any product damege due to trouble or malfunction of the ink jet printer.

^{*2.}Hitachi continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.

^{*} The print samples have been produced under ideal conditions. Print quality depend printing speed.