INK JET PRINTER

HITACHI
Inspire the Next

PXR Series Continuous IJ Printer for Industrial Marking

Hitachi IJ Printer PXR-H model

The world's first IJ Printer with Large Color LCD Touch Panel (10.4 inch).

User-friendly!
Multi-functional!
Small & Light!

Hi-Speed

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.]

Easier maintenance

>>> Easy replacement of ink filter by newly developed ink system.

>>> Even stronger printhead.

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.

Hitachi IJ Printer PXR-H model

High speed character : Nozzle size 55 μm

−1Line(5×5)−
0123456789ABCDEFGHIJKLMNOPQRSTUVWXY

−1Line(5×7)−
0123456789ABCDEFGHIJKLMNOPQRSTUVWXY

−2Line(5×5)−
USE BY 07.03.01
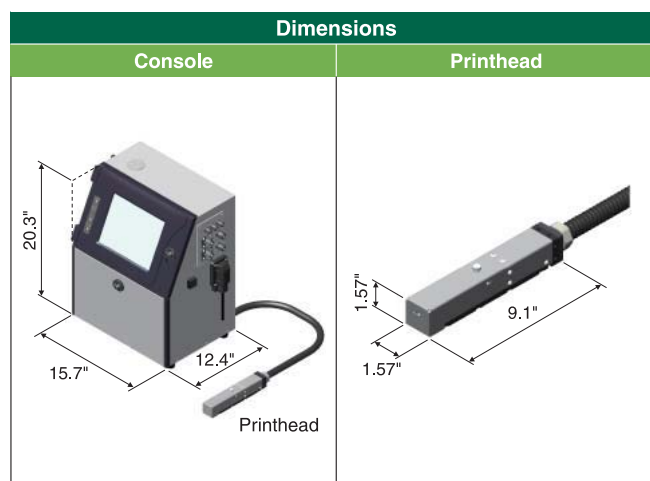MFG.NO.06.02.28

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

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 Ink)		
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	
5×5	1 LINE	0123456789ABCDEFGHIJKLMN	Up to 1150 ft/min
	2 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX	Up to 670 ft/min
	3 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX 0123456789ABCDEFGHIJKLMN	Up to 473 ft/min
5×7	1 LINE	0123456789ABCDEFGHIJKLMN	Up to 893 ft/min
	2 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX	Up to 503 ft/min
	3 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX 0123456789ABCDEFGHIJKLMN	Up to 350 ft/min
	4 LINE	0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX 0123456789ABCDEFGHIJKLMN ABCDEFGHIJKLMNOPQRSTUVWX	Up to 266 ft/min
12×16	1 LINE	0123456789	Up to 466 ft/min

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

Dimensions

Console	Printhead

20.3"
15.7"
12.4"
Printhead

1.57"
1.57"
9.1"

*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.

For further information, please contact your nearest sales representative.

ISO 14001 EC99J2009   ISO 9001 JQA-QMA12087