



CIJ Printer

PX-P Series

for Industrial Marking

- The ink circulation system includes an automatic intermittent mechanical stirring system, using a specially designed magnetic stirrer to maintain precise pigment suspension
- The specially designed pump has an extended life with pigment ink
- Simple operation with 10.4" color touch panel
- Prints products with conveyor running speed up to 5.4 m/s.
- Viscosity control for optimum ink flow under different environmental conditions.
- Automatic print head cleaning
- Low ink consumption
- Virtually emission-free ink circulation system
- RS-232C at baud rates selectable up to 19.2 kbps
- Global Standards: CE, CTick



Pigment

All features at a glance

Model	PX-P460E	
Nozzle size (µm)	65 µm	
Max. number of lines	Up to 4 Lines	
Max. number of characters per line	1 Line: Up to 240 characters 3 Line: Up to 80 characters	2 Line: Up to 120 characters 4 Line: Up to 60 characters
Font (Dot matrix) (Horizontal x Vertical)	1-4 Line: 5 x 5, 5 x 8 (or 5 x 7), 9 x 8 (or 9 x 7) 1-3 Line: 5 x 5, 5 x 8 (or 5 x 7), 7 x 10 (or 9 x 7, 9 x 8) 1-2 Line: 12 x 16 1 Line: 18 x 24, 24 x 32	
Character height	2-10 mm	
Display & input device	Display: Liquid crystal touch panel (10.4 inch, color), backlight provided Input device: Touch panel, confirmation beep	
Display language	PX-P460E: German, English, French, Italian, Spanish, Portugese, Dutch, Swedish, Arabic, Greek, Russian, Czech	
Max. print rate	Up to 2,083 characters/s (Font 5 x 5, space 1, 1 line)	
Standard characters	Alphanumeric (A-Z, a-z, 0-9), punctuation, space, symbols (28): Total 90	
Number of logos / special character storage	Up to 128	
Print functions	Calendar, Counter, Message storage (150 messages), Font mixture, Passwords security, Bar codes (code 39, ITF, NW-7, EAN13, codo 128/EAN 128), Data Matrix 2-D code (Alphanumeric: 10 characters), Encoder function, Reciprocation printing, etc.	
Input signals	Print detect, Printing stop, Reciprocatve printing, Rotary encoder pulse	
Output signals	Print ready, Fault, Alarm, Print in progress or Print completed, On line	
Serial interface	RS-232C at baud rates selectable up to 19.2 kbps	

General specifications:

Printhead umbilical length	4 m	Operating temperature range	0-40 °C (JP-W73 ink)
Power supply (Automatic voltage selection)	AC 100-120 / 220-240 V ±10 % 50/60 Hz 150 VA	Humidity range	30-90 % R. H. (no condensation)*
Cabinet	Stainless Steel / IP55	Overall size (width x depth x height)	400 x 290 x 515 mm
Air supply	2-4 bar (0.2-0.4 Mpa)	Approximate weight	25 kg
Approval	CE, C-Tick		

*Note: When humidity is more than 85 % R. H., please purge inside of printhead by air.

Font print samples*

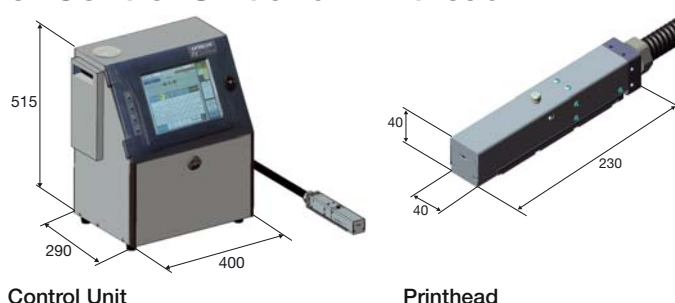


* The print samples have been produced under ideal conditions. Print quality depend printing speed.

JP-W73 ink specifications

Type / Color	MEK based white pigment ink
Light stability	The density of marking is not faded by sunshine carbon weather meter 150h acceleration test. This 150h acceleration test is comparable to 1-year exposure to sunshine.

PX-P Series Dimensions of Control Unit and Printhead



Control Unit

Printhead

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