



## Tekkon MP Series

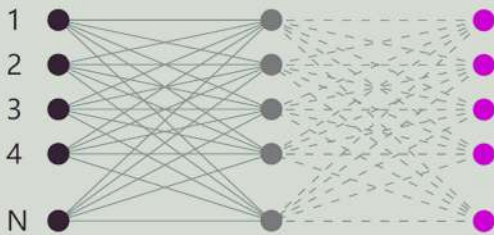
### Continuous Inkjet Printer

#### The new generation of "AI" Pigment inkjet printer

Simpler operation, less maintenance, superior printing quality, and faster printing speed. Specially designed for customers with medium to high frequency of use and medium to high-speed production lines, using advanced ARM embedded technology. A built-in structure, high-speed eight-core CPU runs a Linux professional operating system, making operation smoother. A unique SCloud cloud service serves as the background platform, providing end-to-end and face-to-face intimate services to achieve 24/7 availability. Fully intelligent monitoring, remote monitoring, remote upgrade, personalized customization, and one-click service. It has powerful software editing functions and extremely high stability. In terms of product performance and application, it provides users with a more perfect identification experience.

#### Fourier Core Algorithm

Ink dot dynamic self-calibration technology: to ensure that in different environments, it can work stably under temperature, ink viscosity, etc.



#### Octa-core • high-speed CPU

Human computer interface, core data, print management, nozzle control interface management, power management, network management, consumables management. The 8 major systems work independently, work perfectly together, and have strong scalability.



#### Sprinkler and four-valve

It can efficiently and thoroughly process the nozzle to ensure that it is opened every time. Shutdown is smooth and clean.



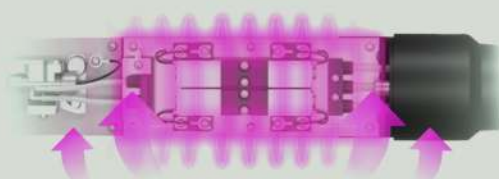
#### Stand-alone viscometer

Accurate measurement of ink viscosity and timely dynamic calibration. Perfect printing results are guaranteed.



#### Smart • Sprinkler heating

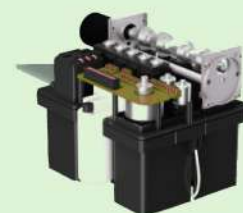
Make sure that the printhead ink works in a reasonable temperature range. Ensure perfect printing.



恒温 $\approx 35^{\circ}\text{C}$

#### Save Accessories

Each accessory unit is independently designed. Flexible replacement. Reduce maintenance costs.



## Printing Parameters MP Series

Printing line count	1-5 lines (5x5 dot matrix)
Printing points	5x5, 5x7, 7x9, 6x12, 8x16, 12x16, 11x24, 16x32 Self written dot matrix information within 4 dots
Printing height	1-12mm (adjustable). Printing distance: 1-30mm (adjustable).
Printing Speed	(5*5, 5*7, 12*16 dot matrix) 1 line: 255 m/min, 238 m/min, 122 m/min 2 lines: 130 m/min, 124 m/min, 20 m/min 3 lines: 53 m/min, 33 m/min 4 lines: 20 m/min, 18 m/min
Printing Content	date, time, automatic date, automatic expiration date, shift number, batch number, Serial number, four sets of counters, meter counting, self-designed pattern, variable barcode
Code	Variable QR code, pseudo code, multiple languages, multiple fonts. Spray printing length: standard 1024 characters (customizable)
Input methods	Pinyin input method, location code input method, multilingual input.
Inkjet printing	Ink in various pigment colors such as white, yellow, etc.
Font widening	1-9 times, can be widened for individual characters.
Font direction	Normal font, reversed font, reversed font, reversed font. The printing direction can be independently set for a single character. Font spacing: 1-8 times, can be edited point by point freely.
Bar Code	EAN 8 & 13; Code 128 A,B & C; EAN 128; Code 39; Code 93; Interleaved 2 Of 5
QR code (QR, OM)	10x10, 12x12, 14x14, 16x16, 18x18, 20x20, 24x24, 34x34
Intelligent ink/diluent box	Ink / Make-up Smart Cartridge: 750 ml

## Brand new operation

### Internet cloud service platform

Flexible Internet access through wired network, wireless network, environmental hotspot, mobile hotspot and optional 5G network card.

### Coding Steward System

The network is used to centrally manage all online devices, and important node parameters are analyzed comprehensively and intelligently through AI big data, so as to gain an in-depth understanding of the long-term operation status of the equipment.

### Record charts and analyze health in detail

Upload all the information of the device regularly, and the large background server automatically records the operation status of the entire life cycle of the device, and you can select the time node to view

### Clairing system

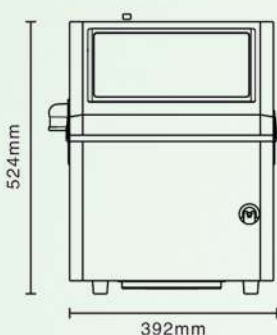
PC/smart phone can be used to dynamically monitor at all times, check the operation of the equipment, and remotely control the machine, such as on the spot, which greatly improves work efficiency.

### Intelligent push of fault information

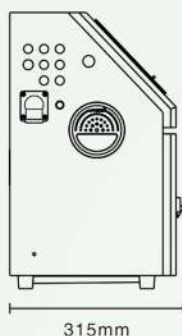
Information such as equipment failure, ink and thinner exhaustion can be notified to users by email, WeChat, SMS, DingTalk and other modern means of communication.



Host facing up



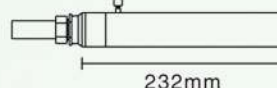
Side view of the host



Looking up at the nozzle



Side view of nozzle



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