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T2000P

Product Description

PIJ (Piezo Inkjet Printers) technology is based on the piezoelectric inkjet principle. It relies on the vibration of piezoelectric crystals to accurately control the ink droplet ejection, giving it excellent performance and enabling it to be used in many fields. The high-resolution P2000 series piezoelectric inkjet printer developed by our company is based on advanced piezoelectric inkjet technology to create a clear and lasting inkjet experience for you. Whether it is the product name, production date, or complex QR code, it can be accurately presented and never fade.

The innovative design of split control function and print head, equipped with a 10.1 color touch screen controller, supports the editing of various types of barcodes and QR codes, is simple and convenient to operate, and runs stably; the resolution of up to 600dpi ensures clear printing content, reflecting the pursuit of high quality; supports forward and side printing, small size, light weight, does not take up space, and is easy to install; The ink path system is flexible and compatible and supports negative pressure continuous ink supply and siphon continuous supply to meet the needs of various application scenarios on site; the proprietary system software design solution extends the service life of the equipment.

The product supports a variety of inks such as water-based, UV, and quick-drying, and is suitable for a variety of materials such as corrugated paper, books and periodicals, coated paper, label paper, wallpaper, pipelines, plastics, and packaging gift boxes. P2000 can be perfectly adapted, non-penetrating, non-fading, and add points to your product image. Choosing the P2000 single-head piezoelectric inkjet printer is to choose an efficient, accurate, and reliable inkjet solution.

High precision

- High resolution ensures clear printing content, supporting up to 600dpi, suitable for application scenarios with high precision requirements.

Reliability

- Fully independently developed hardware, software, and ink path systems ensure product stability and durability.

Compatibility

- Compatible with a variety of print heads and ink types to meet the needs of different customers,including water-based, quick-drying and UV ink matching.

Flexibility

- Supports multiple printing directions and angle adjustments, including forward and side spraying, to meet the installation requirements of different printing scenarios.

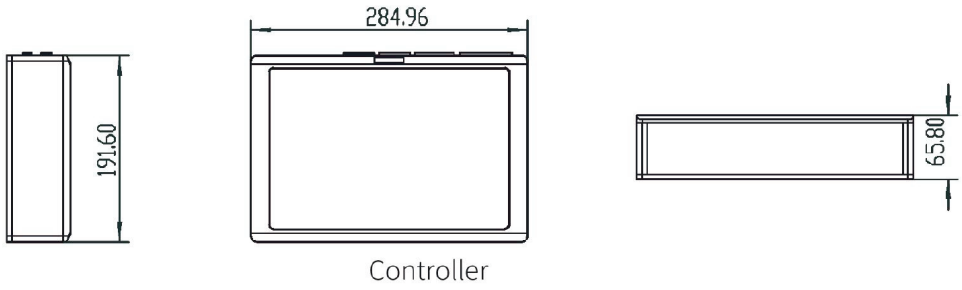
High speed

- High printing speed is suitable for mass production environments and improves production efficiency.

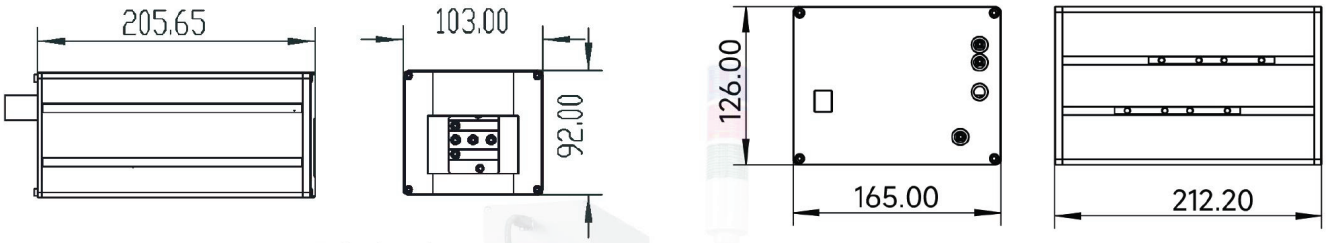
Operation experience

- 10.1-inch full-color LCD capacitive touch screen to enhance the operation experience.

Machine specifications



Controller



Printhead

Ink supply system

Printing Parameters

Nozzle type	I1600 series nozzles
Number of nozzles	Single head/dual head
Printing accuracy	300dpi or 600dpi
Printing height	Single head maximum 33.8mm
Printing speed	190m/min (300dpi) or 95m/min (600dpi)
Ink type	Water-based ink, quick-drying ink, UV ink
Printing direction	Forward and lateral
Printing distance	0-5mm (recommended distance 2-3mm from the printing medium)
Ink system	Negative pressure continuous ink supply
Printing content	Text, time, date, pattern, shift, serial number, dynamic barcode/QR code, dynamic serial port data, dynamic database (other content can be added as needed)
Printing material	Carton, plastic, metal, plate, pipe, stone , cables, glass, electronic components, auto parts, industrial chemical packaging, pharmaceutical food gift packaging

Other Parameters

Packaging and transportation	Carton packaging, print head anti-collision protection
Working environment Temperature	0°°C-45°°C/ , Humidity 30%-70% RH
Related certification	CE

Network Control

Operation interface	10.1-inch LCD, full-color LCD capacitive touch screen
Operating system	Embedded Linux security operating system
Support cascading	Support multiple devices cascading and share the same set of encoder or photocell sensor parameters
External interface	Photocell, encoder, flip and reverse control, signal light alarm output, serial number output control, external printing information selection
Supported language	Support Chinese, English (other languages can be customized according to demand)
Communication interface	USB, RS232, TCP/IP network interface (support network remote centralized control management, docking weighing machine/conveyor/paging machine/packaging machine/enterprise resource planning database/drug supe-rvision code/anti-counterfeiting traceability system)

Structural Electrical

Power parameters	Input 100-240VAC, 50/60Hz, less than 150W
Machine material	Aviation grade aluminum
Nozzle installation	The nozzle is installed independently and can be equipped with anti-collision components
Machine size	Controller: 192*285*66mm (length x width x height) Print head: 92*103*205mm (length x width x height) Ink supply system:165*126*212mm(length x width x height)
Machine weight	Controller: about 2.5kg; Print head: about 1.6kg Ink supply system:about 3.5kg

Une Question ? Un Conseil ?

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