

EACH PERFECTNESS

Easy operation with 10.1" large screen

One-key start and stop precise control

Independent module maintenance is simple

Automatic cleaning to prevent clogging

Anti-counterfeiting traceability data printing

Real-time calculation of printing costs

Wireless keyboard and mouse control

GSI International medicine monitor code

Printing speed up to 411m / min

Website: https://www.sy-faith.com



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FBP001-003 Continuous small character inkjet printer



Stainless steel body, IP55 protection level of the whole machine, more stable in various complex environments

Independent structural design of functional accessories, scientific and reasonable design, easy to repair, reduce maintenance and the usage cost.

The nozzle valve is adopted to directly seal the nozzle hole structure design, which can prevent ink leakage from the nozzle after closing the ink line.

It has the function of shutting down and automatically cleaning the nozzle and recovery pipe.

Adding consumables is quick and easy because of the great design of ink circuit system.

Simple and easy to learn, functional layout is reasonable, and easy to operate.

Friendly human-computer interaction interface, what you see is what you get, real-time monitoring of printing status and content.

More reliable and professional hardware

The motherboard adopts the American TI company AM3358 industrial-grade High-performance CPU, the American Xilinx company s Spartan7 Industrial-grade high-speed computing FPGA, 256M large memory to Store more information and both adopt anti-interference industrial-grade Solid-state electronic components SMT manufacturing process. Various

Optional external interfaces such as RS232 serial port, LAN network port,

USB interface, expandable input and output IO ports, etc.

More powerful and smarter software

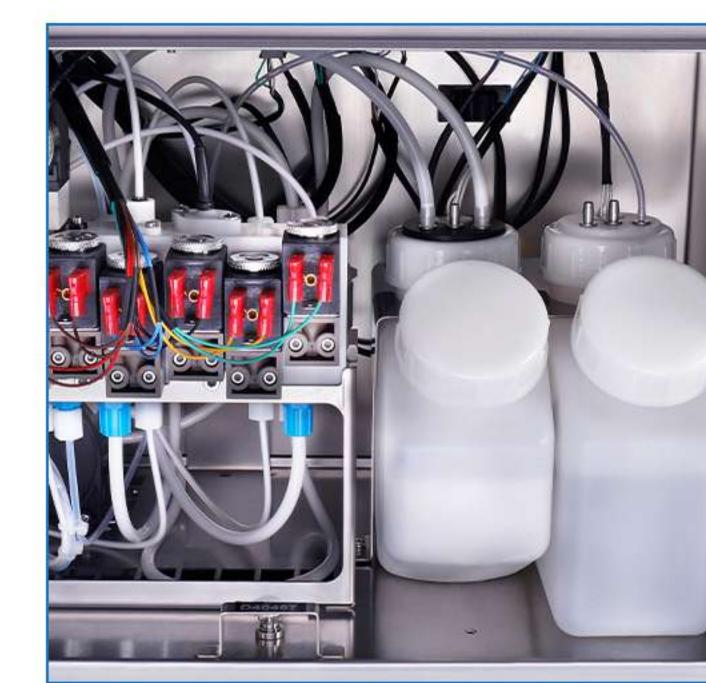
Intelligent embedded Linux operating system provides a Professional and more user friendly interface Embedded Powerful drop consumption algorithm that allow instant Calculation of cost per print. Powerful variable functions of The 2D Code to meet the today growing customers'demand. Efficient and flexible variable database functions to meet Various applications requirements for product traceability.

Print head



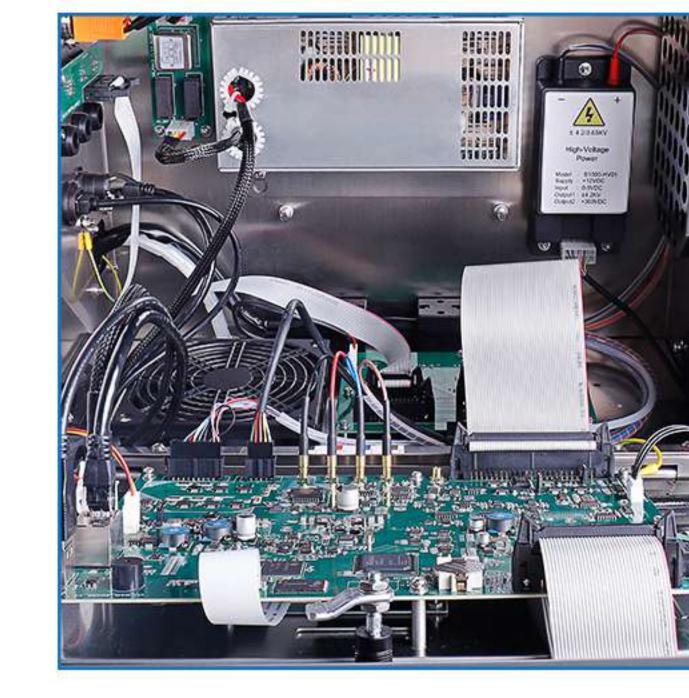
The nozzle valve adopts a structural design that directly seals the nozzle hole, effectively preventing ink leakage from the nozzle.

Ink Road



head pump design+recycling diaphragm pump design, and equipped with a dual stirring mode stirring system, it solves the problem of pigment ink deposition.

A main board



cture has superior functionality and stability, and the high-voltage package is designed with a dustproof and waterproof sealing structure to better cope with harsh environments.

Terminal opening



The motherboard with the latest archite
The terminal adopts an IP68 level design that supports functions such as serial port, network port, counter one click reset, and information control.

Print head



Profile

250mm

Front viewFront view



Screenshot



Technical Parameters

Printing Parameters

Print Head Duct	3m / 6m
Nozzle Specifications	40u、50u、60u、75u
Printing Height	2-20mm
Printing Distance	3-30mm
Printing Lines	1~5 lines
Printing Speed	411m,min
Counter	More than 20 independent counters
Ink Color	Black , Red , Blue , Green , White , Invisible
Ink Type	High adhesion , Migration resistance, High temperature resistance, Special for glass, Permeability, Food grade, Oilresistance
Font	5X6L 7X6L 7X10L 9X8L 9X11L 11X11L 12X12L 16X16L 24X24L 32X32L 11X11B 12X12B 16X16B 24X24B 32X32B
Printing Material	Carton, Plastic, Metal, Sheet, Pipe, Stone, Cable, Glass, Electronic components, Auto parts, Industrial chemical packaging, Medical, Food, Gift box
Print Content	Text, Time, Date, Logo, Shift, SN, Dynamic Barcode/QR Code, Dynamic Serial Data, Dynamic Database (Additional content can be added as required)

Machine Parameters

Operating System	Embedded Linux security operating system
Display Screen	10.1-inch color display, industrial touch screen
Communication Interface	Network interface USB. RS232
Protection Level	IP55
Power Parameters	Input 100-240V AC
Rated power	150W
Battery Parameters	256M
Machine Material	304 stainless steel
Machine Specifications	400mm×250mm×550mm(Length×width× height)
Working Environment	Temperature 0-45°C/Humidity 30-70%Rh
Related Certification	RoIS、CE、FCC
Net Weight	22kg
Main Hardware	American TI AM3358 industrial grade CPU, American XilinxSpartan industrial grade FPGA
External Interface	Optical eye, Encoder, Reverse and upside down control, Signal light alarm output, Serial number output control. External printing information selection
Support Language	Support more than 40 national languages(Chinese, English Arabic, Danish, German, Russian, French, Finnish, Korean, Japanese, Spanish, Italian, etc.)

Application area





Food packaging

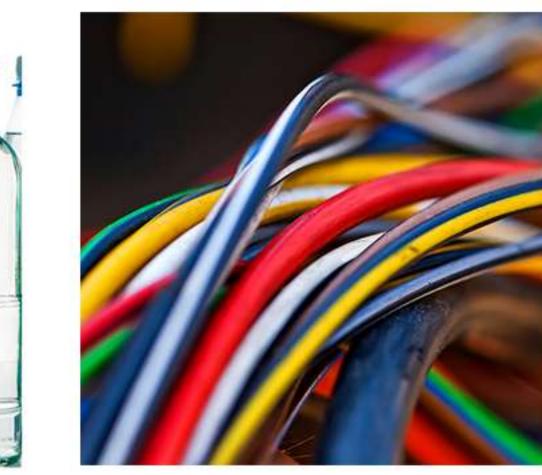


Medicine



Furniture and wood

PET plastics



Cable

Spray printed sample

5X6 dot matrix	ABCDEFG 12345 5X5
7X6 dot matrix	ABCDEFG 12345 6×7
7X10 dot matrix	ABCDEFG 12345 41 10×7
9X8 dot matrix	ABCDEFG 12345 BX9
9X11 dot matrix	ABCOEFG 12345 #FB 11%9
11X11L dot matrix	ABCDEFG 12345
11X11B dot matrix	
16X16L dot matrix	ABCDEFG1234516X16L
16X16B dot matrix	ABCDEFG1234516X16B
24X24L dot matrix	ABCDE12345 24X24L
24X24B dot matrix	ABCDE12345 24X24B
32X32B dot matrix	ABCDE1234532X32L
32X32B dot matrix	ABCDE1234532X32B
5X6 dot matrix (5 lines)	ABCDEFGHIJKLMNOP1 ABCDEFGHIJKLMNOP2 ABCDEFGHIJKLMNOP3 ABCDEFGHIJKLMNOP4 ABCDEFGHIJKLMNOP4
7X6 dot matrix (2 lines)	QWERTYUIOP 生产日期: 20210414 1234567890 生产批号: 20220414
7X6 dot matrix (3 lines)	QWERTYUIOP 生产日期: 20210414 1234567890 生产批号: 20220414 ABCDEFGHIJKLMNOP0123456789
7X6 dot matrix (4 lines)	ABSABASAJAKUMAPPO BBABBASAJAKUMAPPO BBABBASAJAKAMANAPPO