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INTRODUCTION

CIJ PRINTER SERVES AS A GO-TO DIGITAL SOLUTION FOR MARKING AND CODING FOR ALL INDUSTRY SEGMENTS.

SG Tech continuous Ink Jet printers is a multipurpose Ink Jet printer used widely in all industry segment. It works on a principle where continuous flow of electrically charged liquid ink droplets passes by a very high-pressure pump from a gun body & microscopic print nozzle which has piezoelectric oscillator and discharge hole. The ink particles that discharge from the nozzle pass between two deflecting electrodes where an electrical field is generated by a voltage of around 7000 V. CIJ printers work on the basis of non-contact method with ease on any surface which are curved, flat & textured without damaging or blurring its targets.



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SG1000

INDUSTRIAL PRINTER

APPLICATION TARGETS

SG Tech Continuous Ink Jet printers can print on wide variety of targets such as Plastics, metals, glasses, paper, cardboard, laminated pouches, shipper boxes, foods packages, cables & wires, Pipes & Tubes, etc.

INDUSTRIES

- | Automobile | Beverages | Cosmetics
- | Electronic Components | FMCG products
- | Pharmaceuticals | Building Materials
- | Food Industries | Wire and Cable Industry
- | Pipe Industry, etc.



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FEATURES

- | Quick-dry black ink used industrial non-contact small character inkjet printers
- | Highly compact design
- | Auto flush during start and stop
- | Nozzle cleaning like forward flush and reverse flush
- | Steerer based ink tank system ideal for pigment-based ink
- | Single cartridge ink system
- | Print consistently high-quality images even on structured and uneven surfaces
- | Print features include the date, time, batch number, logo and trademark
- | Easy to be integrated at any position of the production line - user-friendly interface and most reliable ink system
- | 38" TFT LCD touch screen
- | Multitask system, printing and editing at the same time



TECHNICAL SPECIFICATION

Printable Lines	Up to 4 lines
Max. Printable Dot Matrix	32" 32 dot matrix
Memory Capacity	Up to 1000 messages
Max. Print Speed	300 m/min (5*5 dots)
Material	Metal, plastic, glass, wood, tubing, electrical wire, cable etc
Printable Font Height	1.5 mm - 20 mm adjustable
Operation Interface	English Menu
Printable Content	Figures, date, time, lot number, serial number, etc
Font Width	Up to 9 times
Print Distance	30 mm max from print-head bottom to substance surface
Print head Umbilical Length	2.7 m (Customize)
Ink Color	Black, blue, red, white etc
Consumption of Ink	90 million character per liter
Ink Capacity	600 MI
Operating Environment	5-45 degree centigrade, below 90% (Humidity)
Power Source	AC220V/240V 50Hz



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Online TIJ Printer (Thermal Inkjet Printer)

Physical Features

Dimension	: 130*128*242mm
Net Weight	: 1.10Kg.
External Interface	: USB CONNECTION FOR UPLOAD DATA
Voltage	: 230 V AV
Control Panel	: Touch screen 7 inch Display



TIJ Printer

Print Features

Print Direction	Adjusted Within 360 Degree Meet All Kinds Of Production Needs.
Character Type	High Defination Printing Character, Dot MatrixFont, Simplified And English
Function:	Handheld Print And On-Line Printing (Need Sensor Extra)
Printing Picture	Pictures (BMP Monochrome Single Bitmap Format) Uploaded By USB
Print Accuracy:	3000DPI400DPI 600 DPI
Print Height: (Head Option Available)	Single Head 2mm - 12.7mm Double Head 2mm - 12.7mm & 12.7 mm Single head : 2mm - 25.4 mm
Print Code	Bar Code, QR Code
Printing Distance	1-10mm Mechanical Adjustment (The best Distance2-5mm, nozzle & Printhead)
Storage:	External USB Save The Information Transfer In a Free way
Ink Cartraiadge Color Options:	Up To 8 Lac Character/Black, White, red, Blue, Yellow, Green/35mm/Min
Ink type:	Quick Dry Environmental Ink, Water Based Ink And Oilly Ink
Printing Material:	Board, Carton, Stone, Pipe, Cable, Metal, Plastic Product, Electroic, Fiber Board, Foil
	English Chinese, Japanese, French, German, Spanish, Portuguese and Russian
Ink Management	Identity ink type automatically and use the best printing parameters





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Handheld Inkjet Printer

Model : SGCP 2000 (12.7 mm & 25 mm Head)

Nozzle

TIJ Thermal Foaming

Operating System	Linux
CPU	Quad Core 1.4Hz
Language	English, Chinese, Turkish, Arabic, Korean, Italian...
Shape Features	ABS
Dimension	130*128*242mm
Net Weight	1.0kg
Printing Height	12.7mm
Printing Distance	25 mm
Print content number, logo, QR	Text, time, Batch number, serial
Definition	Maximum 600 Dpi
Storage	More than 1000 Messages
Printing Length No limitation	2000 Characters For each Message
Printing speed	35m/min
Ink Colour	Black, Red, Blue, Green
External Interface	USB, Photocell
Voltage Power Consumption	DC 16.8 Lithium Battery (2600mAH*4) Lower than 5w
Working environment	Temperature: 0-38 Degree, Humidity: 10% - 80%
Printing Material electronic, Fibre Board,	Board, Carton, Stone, Pipe, Cable, Metal, Plastic Product, Light Steel keel.



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