



Electrical Wires

G3P

PIGMENTED INKJET PRINTER



Pharmaceuticals



Electrical & Electronics



Construction Tubes

G3P

PIGMENTED INKJET PRINTER



PIGMENTED INJET TECHNOLOGY

Introducing our pigmented CIJ printer, specially designed for printing variable information (text, dates, time, logos, barcodes, etc.) on dark-colored products. Thanks to advanced pigment technology, the printer ensures excellent contrast and adhesion on the most complex and dark surfaces, allowing easy marking and identification of your products. From manufacturing dates to intricate 2D codes, our printer guarantees accuracy and reliability in marking, enhancing product traceability and consumer trust. Optimize your production with our pigmented CIJ printer - the ideal solution for Wire and Cable, Automotive, Extrusion, and Food and Beverage applications.

MADE FOR DARK SURFACE MARKING

- G3P is a specially designed CIJ printer equipped with a robust mixing tank for printing reliably on the wire, cable, extruded plastic, glass bottles, and jars with white, blue, or grey pigmented inks. The pro-class pigmented printer with extended service intervals of up to 8,000 hours.

USER-FRIENDLY INTERFACE

- The convenient interface is designed with extensive operational experience in mind, allowing for a reduction in the risk of errors or delays. Thanks to the innovative interface, operators can easily adjust printing parameters, select templates, and monitor the marking process.

AU-FLUSHING FUNCTION

- The automatic cleaning function ensures optimal operational conditions with every start. The nozzle technology is the key, it features a special design with stainless steel construction, easy to clean and adjust.

INK RESERVOIR AGITATION

- When the printer is stopped and turned off, it ensures continuous agitation of the ink in the reservoir, preventing pigment settling, and preserving ink integrity. With this feature, the printer is always ready for operation, guaranteeing optimal ink condition and preventing issues with drying or pigment settling. Experience uninterrupted performance and ease of use with the pigmented printer equipped with advanced technologies.

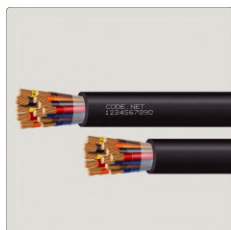
INDUSTRY APPLICATION

Coding on Various Materials

The pigmented CIJ printer is a versatile and reliable marking solution for a wide range of industries. The printer efficiently and effectively applies essential product information such as production date, batch number, barcode, logos, etc., on various packaging materials, including paper, plastic, metal, and others. Thanks to its high precision and efficiency, the printer ensures readable and smudge-resistant prints, enhancing product traceability, compliance with regulations, and brand recognition. Whether you work in the food, pharmaceutical, automotive, or textile industry, our inkjet printer is the ideal choice for high-quality printing.



Cosmetics and Personal Hygiene Products:
Including bottles, tubes, and jars.



Electronics:
Including electronic components, Printed circuit boards (PCBs), Cables.



Automotive Industry:
Including metal, plastic, and rubber.



Building Materials:
Including Pipes, Lumber, Building Panels.

Marking Capabilities

Text objects with various content:
Dynamic text fields (date, shift, time, counter, link, buffered text objects)
Logo, 1D + 2D codes, including master input for GS1 and other standards.

PRODUCT FEATURES

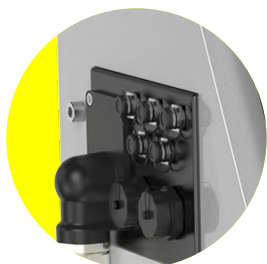
NOT ONLY STAINLESS STEEL 304

Reinforced casing with anti-corrosion and interference-resistant Teflon coating for challenging environments.



MULTIPLE CONNECTIVITY INTERFACES

With 7 connection interfaces and 1 unique interface, as well as 1 additional USB port and 1 network interface.



INK RESERVOIR DESIGN

Our inkjet printers with pigment inks feature a unique reservoir design and automatic mixing mechanism for continuous ink agitation. Forget about downtime and enjoy uninterrupted printing, even during extended periods of inactivity.



PRODUCT PARAMETER

FRONT ELEVATION



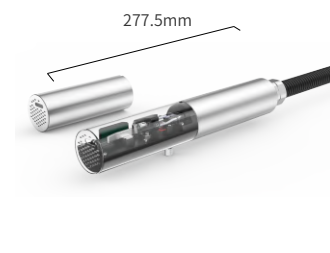
BACK ELEVATION



INTERIOR



PRINTHEAD



TECHNICAL SPECIFICATIONS

PRINT SPEEDS AND SIZES

Nozzle size: 60μ m
Lines of print: 1-4line (7X5 dot)
1-5line (5X5 dot)

Maximum speed for single line
print = 344m/min
(5 dot high characters)

Character height range: 1-15mm

Printing distance range: 2-30mm

Dot Matrix: 5X5, 7X5, 12X9, 16X11
19X14, 24X17, 32X22

HARDWARE FEATURES

Automatic printhead flushing
The printer automatically runs the
cleaning function during startup
and shutdown. Printhead fully
sealed to extend the service life.

Printhead jet-speed control and
temperature sensing for consistent
printing in changing ambient
temperatures

Internal circulation cooling system
makes continuous high-speed
operation more reliable

Equipped with a condenser to reduce
the volatilization of ink, save the cost

CONNECTION

USB, RS485, Ethernet, Encoder
Product detector, Alarm Light,
Alarm Relay

SOFTWARE FEATURES

User-friendly UI for easy operation
Auto-debugging function and mistake-
proof design of the system, reduce
production downtime.

Support copying external files from
USB

Two types of password settings user
password and maintenance password

Software upgrade via Internet connection
or USB

PHYSICAL CHARACTERISTICS

Base and enclosure: Stainless steel+
teflon precision Coating

IP55 environmental protection rating,
industrial dust-proof and waterproof
for different conditions

Operating temperature range: 0 – 45°C
(32 - 113°F)

Operating humidity range: 0 - 95%
relative humidity (non-condensing)

Power supply: AC-100-240V, 50/60Hz

REGULATORY APPROVALS

· CE · FCC · CAN/CSA · SGS · IOS9001

MESSAGE STORAGE

Up to 1000 Messages more can be
stored using a USB storage device

PRINTHEAD

Printhead length: 3M

Printing direction: 360° (upward vprinting is
supported)

Fully sealed design with the stainless steel cover
make the printhead more durable, extend 30%
of the life.

PRINTING FACILITIES

English, Simplified Chinese, Arabic Numerals,
Serial Number, Barcode, Shift, DM/QR, UPC
A&E, EAN8&13, Code 128A, B&C, Code 125,
GS1, UCC/ EAN128, Code 39, Automatic Date
/Time/ Expiry date, Logo, Special characters

INDUSTRY APPLICATION

Electronic industry

Food industry

Pharmaceutical industry

Daily chemical industry

Auto parts industry

Building materials industry
Tobacco industry, etc.

SYSTEM LANGUAGE

Simplified Chinese, Traditional Chinese, English,
Korean, Russian, Polish, Persian, Arabic, Spanish,
German, Indonesian, Vietnamese, Croatian, Thai,
Slovenian, Slovak, Bosnian, Portuguese, Italian, etc.,
Support customizing language.

ABOUT US



ZHUHAI QBCODE TECHNOLOGY CO., LTD.

The Professional Manufacturer of CIJ Printer

Zhuhai QBCODE Technology provides the right coding and marking solutions through reliable and stable technologies, and is committed to providing quality equipment, supplies, and service designed to perform with maximum reliability, efficiency, and ease of operation with little maintenance.

The core value of QBCODE is to grow together with our worldwide business partners, by fulfilling this value, building up the win-win relationship, we proudly become one of the top 10 CIJ brands in China in recent years.

To extend our overseas markets, if you are in coding and marking industry and would like to become an authorized QBCODE distributor in your region, now is better than ever. Please contact us and fill out the form of application, we are looking forward to building a long-term business with you.



Honor and Certificate

The company has independent research and development capabilities, produces a large number of technology and invention patents every year, and has won the national certification of high-tech enterprises. The products have international certifications such as CE, FCC, SGS, and the company has ISO9001 management system certification.



Production Workshop

Meet with ISO9001 Standard



Ink Factory

QBCODE provides quality inks of different kinds to fulfill the various industry demand



Our Team

Professional team provides industry solutions, before and after-sale service.



200 г
МАСЛО
СЕЛЯНСЬКЕ
СОЛОДКОВЕРШКОВЕ
73%
молочний
дар



Food & Beverage



Construction Materials



ZHUHAI QBCODE TECHNOLOGY CO., LTD.

Address: No. 12, Honghui 5th Road, Liangang Industrial Zone, Jinwan District,
Zhuhai City, Guangdong, China, 519090

Tel: 0756-7733649 Fax: 0756 7733919
Email: info@qbcode.net Website: www.qbcode.net