World Class Printing Systems
for **Real World Applications**

CO Pilot

THE COMPETITIVE ADVANTAGE

Squid Ink introduces the CoPilot™ printing system, a feature-rich hi-resolution printing system available at an entry level price. Squid Ink's CoPilot printing system offers several advantages over competitive HP® or Lexmark®- based printing systems. With the CoPilot, users can expect 30% larger print, increased throw distance, 5 times larger ink volume, the ability to upgrade to a 2nd printhead, and much more.

INDUSTRIAL DESIGN, USER FLEXIBILITY

The system is capable of running oil-based or solvent-based inks to print up to 185 dpi at 135ft/min on a variety of substrates and provides darker print for increased scannability. For non-porous applications, users have the option of utilizing Squid Ink's solvent-based CoPilot to print on a variety of non-porous products like plastics, glass, stretch wrap, metals and more.

PRINTING MADE EASY

CoPilot's 4.3" full color touchscreen provides access to the system's internal messages and print functions. Messages are created and edited on Squid Ink's easy-to-use Orion™ PC Software and transferred via Ethernet or USB device. In addition, a Windows® tablet can be connected for users who want message creation and editing functionality on the production floor. For larger applications, multiple CoPilot printing systems can be network connected via Ethernet or wirelessly and controlled through one central Orion print station.

MAXIMIZE YOUR UPTIME

The CoPilot is designed to meet the harsh demands of your application. CE, TUV, and FCC certified, the CoPilot features a durable touchscreen in a stainless steel cabinet, industrial strength printhead construction, and print engines designed for industrial applications, not office applications. In addition, Squid Ink's best-selling PZ-1000 ink for porous substrates offers low-maintenance performance, eliminating the need for auto-priming functions and offering better ink utilization than competitive systems. You can be confident that CoPilot's rugged design will withstand the most abusive industrial environments while providing superior quality print.

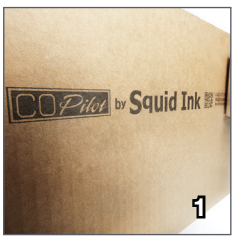
AFFORDABLE INK JET CODING

As the newest addition to Squid Ink's growing family of marking and coding systems, the CoPilot gives users more choices for their coding applications. In addition, the CoPilot utilizes ink manufactured directly by Squid Ink, eliminating the high ink costs of HP or Lexmark systems. Any way you look at it, Squid Ink's CoPilot provides users with an affordable solution to meet their ink jet coding needs.

THE RIGHT SOLUTION

Rugged design. Low maintenance operation. User friendly software. Low cost of ownership. Your benefits go on and on. When it comes to industrial ink jet printing, rely on Squid Ink to provide the right solution for your coding and marking needs.

SQUID INK®



1) *CoPilot offers premium print quality for razor-sharp logos, small character text and scannable bar codes.*

2) *CoPilot's 4.3" full color touchscreen provides access to the systems internal messages and print functions.*

3) *CoPilot utilizes oil-based or solvent-based inks for printing on a wide range of porous and non-porous substrates.*

4) *Manage messages wirelessly using an optional 10.1" full color Windows® tablet with Orion Software ™.*

SYSTEM SPECIFICATIONS:

- **Print Technology -** Piezo impulse printhead technology
- **Maximum Print Height -**.7" (1.8 cm) per printhead
- **Vertical Print Resolution -** 185 dpi capable of printing razorsharp graphics, small character text and scannable bar codes
- **Horizontal Print Resolution -** 205 dpi
- **Print Speed -** Up to 135 feet/min. (41 m/min.) @ 205 dpi
- **Time & Date -** Internal real time clock with battery back-up
- **Product Sensor -** External diffuse beam photocell standard
- **Communication Interface -** One USB host and one Ethernet input
- **Touchscreen -** 4.3" (10.9 cm) full color touchscreen display
- **Ink Cartridge Volume -** 200ml
- **Low Ink Indicator -** Message alert on touchscreen; LED light beacon optional
- **Substrate Capabilities -** Porous or Non-Porous surfaces
- **Electrical Requirements -** 100 - 240 VAC, 50/60 Hz
- **Operating Environment -** 34°F - 104°F (1° - 40°C)
- **Agency Certifications -** CE, TUV, FCC

OPTIONAL ACCESSORIES

- **Encoder -** For operation with variable speed conveyors
- **Wireless USB Device and Router -** For wireless connectivity
- **Windows Tablet -** Pre-loaded with Orion software; includes mounting bracket with swivel arm, USB to ethernet cable and stylus
- **Conveyor Mounting Bracket -** Provides stable mount to conveyor or other material handling equipment
- **Floorstand -** Includes mounting brackets and legs with leveling feet; 59" (1.5m) total height
- **Bar Code Laser Scanner -** Allows scan and print message retrieval
- **External Light Beacon -** Indicates low ink levels
- **Starter Kit -** Includes ink, cleaner and flush solution, printhead wipes,

SOFTWARE SPECIFICATIONS

- **Time & Date -** Full time and date functionality including expiration date and Julian Dates
- **Item Numbering -** Sixteen counters, one of which can be a daily counter and production counter
- **Shift Codes -** Four programmable shift codes with automatic rollover
- **Bar Codes -** All standard bar codes including 2D
- **Fonts -** Arial, Arial Bold, Arial International, Arial Monospaced, Courier, Tahoma Bold and Lucida resident fonts for use in variable data elements. Static elements in any Windows® font
- **Logos -** Most image files supported with Orion Graphical Interface Software
- **Printing Features -** Reverse, invert, rotate, repeat, print on/off button
- **Message Length -** Limited by substrate length – up to 120""
- **Number of Messages -** 4GB storage space will store approximately 1000+ messages
- **Ink Usage -** Shown in Orion™ PC Software
- **User Data Prompts -** Prompts for user input at start of print job by manual input on touchscreen
- **Bluetooth Connectivity –** For connectivity with Bluetooth keyboards
- **Wireless Connectivity –** For wireless connection between PC or tablet and printer controller
- **Database Capability –** Ethernet communication protocol for external communication
- **Languages -** English

Wi Fi ENABLED Windows TABLET ENABLED

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MARKTEC Automated Marking, Labeling & Packaging Systems

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