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

CO*Pilot 382*

MORE OPTIONS, BETTER PRINT
Squid Ink's CoPilot 382 printing system is designed to print superior quality hi-resolution characters of either porous or non-porous surfaces. With up to 2.1" of print height per printhead and the ability to run up to 2 printheads from one controller, the CoPilot 382 offers a versatile, yet cost effective solution for your coding and marking applications.

SIMPLE TO USE CONTROL INTERFACE
CoPilot 382'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. For larger applications, a virtually unlimited number of CoPilot 382 printing systems can be connected via Ethernet or wirelessly and controlled through one central Orion™ print station.

APPLICATION VERSATILITY
The system is capable of running oil-based or solvent-based inks to print up to 4.2" (2.1" from a single head) of hi-resolution characters, razor-sharp text, scannable bar codes, and great looking logos at 185 dpi. For non-porous applications, users have the option of using Squid Ink's solvent-based inks for printing on a variety of products like coated cartons plastics, glass, stretch wrap, metals and more. Squid Ink's 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.

ENGINEERED FOR MAXIMUM UPTIME
The CoPilot 382 is designed to meet the harsh demands of your application. The printer features a durable touchscreen, industrial strength printhead construction, and print engines designed for industrial applications, not office applications. You can be confident that CoPilot 382's rugged design will withstand the most abusive industrial environments while providing superior quality print. The CoPilot also features a large 500ml cartridge or bag ink system. The generous ink volume allows users to keep their line running, reducing downtime and maximizing ROI.

INK JET CODING AT THE RIGHT PRICE
As the newest addition to Squid Ink's growing family of marking and coding systems, the CoPilot 382 lets users meet the GS1 barcode specification for less. Any way you look at it, Squid Ink's CoPilot 382 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 an 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) The CoPilot 382 utilizes oil-based or solvent-based inks for printing on a wide range of porous or non-porous substrates

2) The system has the flexibility to be configured to print horizontally, at an angle, or in down shooter position.

3) A 4.3" full color touchscreen provides access to the systems internal messages and print functions.

4) Run up to two printheads from a single controller.

SYSTEM SPECIFICATIONS:

- **Print Technology -** Piezo impulse printhead technology
- **Maximum Print Height -** 2.1" per printhead, 4.2" total
- **Vertical Print Resolution** 185 dpi capable of printing razor-sharp 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 -** 500ml cartridge or bag
- **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 pending

OPTIONAL ACCESSORIES

- **Encoder -** For operation with variable speed conveyors
- **Bar Code -** Laser Scanner allows scan and print message retrieval
- **External Light Beacon -** Indicates low ink levels
- **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 heights
- **Starter Kit -** Includes ink, cleaner and flush solution, printhead wipes, hand cleaner and latex gloves

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.
- **Shift Codes -** Four programmable shift codes with automatic rollover
- **Bar Codes -** All standard bar codes including 2D
- **Fonts -** Arial, Arial Bold, 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 -** Up to 120"
- **Number of Messages -** 1GB storage space will store approximately 1000+ messages
- **Ink Usage -** Show in Orion™ PC Software
- **User Data Prompts -** Prompts for user input at start of print job by manual input on touchscreen

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SQUID INK
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