





1) The CoPilot 256 utilizes oil-based, solvent-based, or UV curable inks for printing on a wide range of porous or non-porous substrates.

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

3) The optional bag ink agitator system is an ideal solution for users printing with pigmented inks.

4) Manage messages wirelessly using an optional Windows® tablet with Orion Software.™

## SYSTEM SPECIFICATIONS:

- **Print Technology** - Piezo impulse printhead technology
- **Maximum Print Height** - 1.4" (3.6 cm) per printhead, 2.8" (7.1 cm) 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** - Status 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
- **Bar Code Laser Scanner** - Allows scan and print message retrieval
- **External Light Beacon** - Indicates low ink levels
- **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
- **Pigmented Ink Agitation System** - Allows for printing with pigmented inks
- **Starter Kit** - Includes ink, cleaner and flush solution, printhead wipes, hand cleaner and latex gloves

## ORION 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** - Up to 180" (4.5 m)
- **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, Spanish, German, Chinese, Japanese, Korean, Russian



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