PZ PILOT TOUCH *PRINTING SYSTEM*

Printing Made Easy

Squid Ink's PZ Pilot Touch is a feature-rich printing system designed to print hi-resolution characters, razor sharp text, scannable bar codes, and great looking logos at 185 dpi. The PZ Pilot Touch offers more options for making your mark: oil-based systems for printing on porous surfaces like corrugated cases, or solvent-based systems for printing on non-porous products like plastics, metals or more.

Modern Day Functionality

The PZ Pilot Touch is designed to work as an integral part of your day-to-day packaging operation. A simple, easy-to-use 12.1" full color touchscreen controller with ImageMaster Touch software provides a quick and easy way to program, edit, and recall messages right at the production line. The PZ Pilot Touch comes with 2GB of memory, more than enough room to store all the messages your application requires.

Satisfy Your Demands

The PZ Pilot Touch utilizes industry proven piezo printhead technology to print up to four lines text at 135 ft/min. Users have the option to run up to two .7" printheads from a single touchscreen controller to print on two sides of a product, and the ability to network up to 10 printers utilizing Squid Ink's ImageMaster Net software. The Pilot Touch printhead's small footprint allows users to add the system to areas on the line where most printing equipment can't fit.

Less Maintenance = Less Downtime

The PZ Pilot Touch is engineered inside and out for industrial strength operation. Heavy-duty cabinetry and printhead bracketry ensure continuous operation in the most abusive industrial environments. In addition, the PZ Pilot Touch is designed as a modular system. Quick and easy-to-install replacement printheads, circuit boards and ink system modules minimize downtime and service calls. A fix can be completed in less than 5 minutes.

Affordable Innovation

If you've wanted to begin coding your products or expand your operation, but felt your budget restricted you from doing so, the PZ Pilot Touch offers a new level of economy. As the newest addition to Squid Ink's family of marking and coding systems, PZ Pilot Touch makes industrial ink jet printing totally accessible for a broader range of applications. PZ Pilot Touch also utilizes ink manufactured directly by Squid Ink. This eliminates high costs currently associated with product marking and saves your company money. Any way you look at it, Squid Ink's PZ Pilot Touch provides users with an affordable solution to meet their product marking needs.

The Right Solution

Rugged design. Low maintenance operation. User friendly software. Lower 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 marking and coding needs.
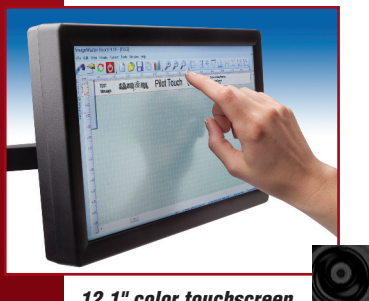
GO WITH THE FLOW.

SQUID INK®
MANUFACTURING

PZ PILOT TOUCH

PRINTING SYSTEM

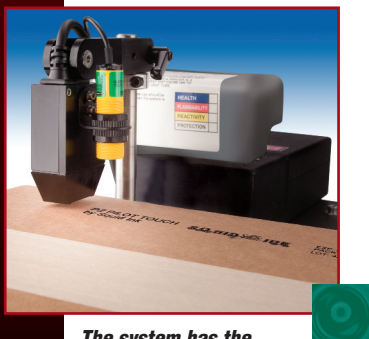### PZ Pilot Touch Printing System Components

- 12.1" color touchscreen controller for message creation
- Controller system with detachable ink reservoir
- 128 printhead and printhead mounting bracket
- Photocell and photocell mounting bracket
- Swivel arm mounting bracket for touchscreen controller

12.1" color touchscreen and user-friendly software offers simple message recall.

The PZ Pilot Touch utilizes oil based or solvent-based inks for printing on a wide range of porous or non-porous substrates.

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

PZ Pilot Touch Printing System Specifications

Printer Type	Piezo printhead technology
Maximum Print Height	.7" (1.8cm) per printhead
Print Speed	Up to 135 feet/minute (41m/minute) line speed
Touchscreen	12.1" (30cm) full color touchscreen display for message creation, recall, and printer control
Communication Interface	Two USB hosts and one ethernet input
Product Sensor	Diffuse beam photocell (12V); multi-photocell option for bump and turn applications
Cabinet Construction	Anodized aluminum
Controller Dimensions	8.42" (21.4cm) L x 6.15" (15.6cm) W x 2.52" (6.4cm) H
Electrical Requirements	100-240 VAC, 50/60Hz
Operating Environment	32°F (0°C) to 120°F (50°C)
Storage Environment	32°F (0°C) to 120°F (50°C)
Substrate Capabilities	Porous or non-porous surfaces
Ink Volume	500ml cartridge or bag
Agency Certifications	CE certified (pending)

PZ Pilot Touch Software Specifications

Time and Date	Full time and date functionality including expiration date and Julian dates
Item Numbering	Four counters plus daily counter with ImageMaster Touch software
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 with variable data elements. Static elements in any Windows® font
Logos	.jpg, .tif, or Windows® bitmap format
Printing Features	Reverse, invert, inverse, rotate, repeat, and print on/off
Message Length	Up to 120"
Number of Messages	2GB storage space will store approximately 2000+ messages
Ink Usage	Automatically calculated for each message and displayed on touchscreen
User Prompts	Prompts for user input at start of print job by manual intervention on touchscreen display
Languages	English, Spanish, French, German, Italian, Chinese Traditional, Chinese Simplified, Turkish, Japanese, Thai, Portuguese

PZ Pilot Touch Optional Accessories

Starter Kit	Includes ink, cleaner for flushing the system, spray bottle of external cleaner, hand cleaner and cloth wipes for the printhead
Shaft Encoder	Allows for operation with variable speed conveyors
Conveyor Mounting Bracket	Provides stable mount to conveyor or other material handling equipment
External Light Beacon	Indicates low ink levels
Bar Code Laser Scanner	Allows scan and print message retrieval
Ink Agitation System	Allows printing with pigmented inks

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