

# 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.



## 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 TypePiezo printhead technologyMaximum 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 Valume
 500ml cartridge or had

Ink Volume500ml cartridge or bagAgency CertificationsCE certified (pending)

### **PZ Pilot Touch Software Specifications**

Time and Date
Full time and date functionality including expiration date and Julian dates
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

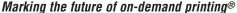
Conveyor Mounting Bracket Provides stable mount to conveyor or other material handling equipment

**External Light Beacon** Indicates low ink levels

Bar Code Laser Scanner

Allows scan and print message retrieval
Allows printing with pigmented inks





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