

HP inkjet in action



AUTOPRINT® Freedom Printer

www.atip-usa.com

featuring...



REAL TIME DIGITAL PRINTING OF PRODUCTION LOT AND DATE CODES IN HIGH DEFINITION

The new AUTOPRINT® Freedom Printer is a single pen printer that uses standard HP thermal inkjet cartridges to print 1, 2, 3 or 4 lines of alphanumeric content with up to 84 characters per line. The Freedom Printer is ideal for printing variable information, including production lot, time and serial codes and use-by-dates on unit boxes and outer shipping cartons and cases.

USE BY 123106
LOT ABCD
MADE 061405
MAHWAH NJ

USE BY 123106
LOT ABCD

USE BY 123106

Print
1, 2, 3 or
4 lines of
alphanumeric
content



SETTING A HIGHER STANDARD

The AUTOPRINT® Freedom Printer features the unrivaled print quality and speed of HP thermal inkjet technology embodied in a printer designed for production line efficiency and reliability.

Clear Print Quality

- Adjustable up to 600 dpi

High Speed

- Up to 480 feet per minute

Flexible

- Adjustable from one to four lines of print; maximum print height is 0.5 inches

Reliable

- No wear parts
- Every cartridge replacement performs preventive maintenance

Easy to Install and Operate

- Small size fits in tight places
- Digital data entry
- Replenish with snap-in and out cartridges

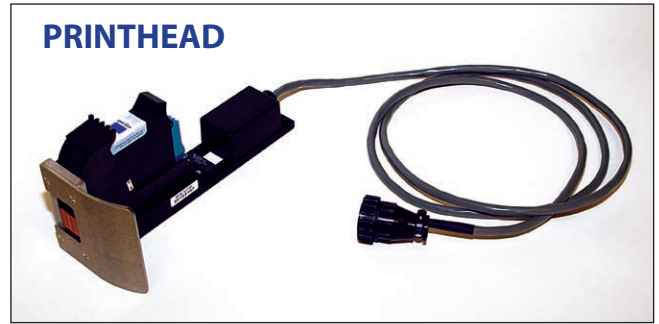
Low Total Cost of Ownership

- Equipment, ink and maintenance costs are right for economy minded operations

SIMPLE, STURDY CONSTRUCTION WITH SMALL FOOTPRINT

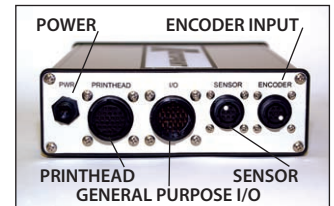
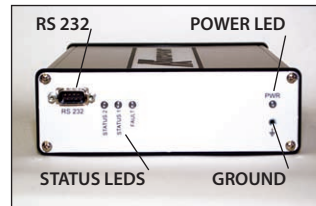
The Freedom Printer consists of a small printhead, an enclosed controller and an external power supply. The printhead has a standard HP pocket for standard HP 45 style cartridges and is connected to the controller by a 2-meter cable. This allows the printhead to be mounted near the items being printed while the controller is put in a convenient out-of-the-way location. The printhead is protected by a sturdy, metal ski.

The controller has LED status indicators for power, sensor and encoder inputs, faults and ink consumption, including an optional low-ink warning. The sensor tells the controller when to start printing. Dot firing can be controlled by an internal clock or an external encoder. The encoder input will synchronize the system when the velocity of the substrate varies. The system is ESD hardened.



EASY TO SETUP AND OPERATE

The printer is managed with AUTOPRINT Freedom software. The unit communicates on the serial port while actively printing. Text is double buffered to allow printing one string while downloading the next. The unit can operate independent of the PC, and once there is text in the buffer, it will be printed each time the leading edge sensor is activated. The printer has a battery backed real time clock. Print content can include fixed alphanumeric data and variable macro specified information, such as date, serial number, and other information that changes on each print. Post dating the actual time/date is also possible. Mounts, product sensors and line encoders are available for use on conveying lines or the printer can be an OEM component that is integrated into a carton or case forming and filling system.



USE WITH LARGE SELECTION OF HP INKS

The Freedom Printer uses a wide variety of Hewlett-Packard TIJ inks, including standard black and spot colors red, blue, green and yellow for printing on porous corrugated cartons; versatile black for printing on coated chipboard boxes; and specialty UV inks for printing "hard to print" materials, such as flexible films, laminates and certain rigid containers made of plastic, glass or metal.

PHYSICAL CHARACTERISTICS

Measurements

Controller	8.93" l x 6.67" w x 2.24" h
Printhead	7.75" l x 3.25" w x 3.905" h
Low Profile	1.171" from base of printhead to bottom nozzle

Power

Input Power 120 VAC; Output 24VDC
The power supply is certified for UL, CSA, CE and FCC

Our mission is to turn orders into deliveries: on time, right, every time.



AT Information Products, Inc.

575 Corporate Drive, Mahwah, NJ 07430 • Phone 201-529-0202 • Fax 201-529-5603
www.atip-usa.com