# EVOLUTION ™

## Ink Jet Printer Series

**EVOLUTION** High Resolution Ink Jet Printers have become the industry standard and are used on countless production lines for product identification. This "standard" is now available in a portable, hand-held model and can be used in place of manually applied labels or hand stenciling operations.

### A Complete Hand-Held System

**EVOLUTION Hand-Held** is complete and ready to use right out of the box. The system includes a hand held controller with tactile keypad for message entry and a printhead module with internal product sensor that is attached to a long lasting rechargeable battery pack and cushioned vertical grip. The printhead module is adjustable and can print at a variety of angles.

### Inkjet Technology by Hewlett Packard

Designed by Digital Design, the **EVOLUTION Hand-Held** is powered with ink jet technology by Hewlett Packard. This combination gives you the benefits of an affordable, compact, and efficient design coupled with the reliability of printhead technology by Hewlett Packard.

### Rechargeable Battery Pack

A 12 volt battery pack powers the **EVOLUTION** printer and will supply enough energy to operate the system for up to 12 hours. Recharging the battery pack is accomplished with either a 12VDC automobile charger or a 120VAC wall outlet charger. Both charger types are supplied.

### Printhead Adjustability

The printhead module is adjustable. This adjustability allows the battery pack to be rotated out of the way for printing close to the bottom of a carton on a fully loaded pallet.

### Ink Supply

Built into the printhead is a 42 cc ink reservoir. Once the ink in the cartridge is depleted, it can be taken out, disposed of and a new ink cartridge inserted in just minutes.

### Your Choice of Systems

The **EVOLUTION Hand-Held** can be supplied with either the **EVOLUTION I** or **II** printing systems. The choice is yours depending on your printing requirements.

The **EVOLUTION I** can print a one line message in 1/2" characters or two lines of text with the 7/32" high characters. Selecting the character size is accomplished through the font key on the hand held controller. Optional style fonts and character sizes are available. Optional Software Packages that add features such as message storage, roll over date coding, sequential numbering can be added as well. These Optional Packages are described in more detail on the reverse.

The **EVOLUTION II** is a fully featured system. Standard character heights are 1/2" for one line of print, 7/32" for two lines, 1/8" for three lines and 3/32" will print a four line message. All of the optional software packages that can be used in **EVOLUTION I** are standard in this system.

Both systems are capable of printing graphics or logos. These can be supplied by your distributor as an option.

### Optimum Print Resolution

**EVOLUTION Hand-Held** delivers bold, highly legible and fully formed characters in a print resolution of 300 dpi at speeds of up to 200 feet per minute.

EVOLUTION Controller

Comfortable foam grip provides ease in hand holding.

**SUPERIOR** CASE CODING

**CALL US TODAY 1-800-996-7188**

# Technical Specifications

## Standard Operating Features

| Feature | EV I | EV II |
|---|---|---|
| Controller | Alpha/Num | Graphics |
| Alpha/numeric and Special Characters | X | X |
| 1 line of 1/2" characters | X | X |
| 2 lines of 7/32" characters | X | X |
| 3 lines of 1/8" characters | N/A | X |
| 4 lines of 3/32" characters | N/A | X |
| Programmable line speed | X | X |
| Programmable print direction | X | X |
| Programmable print delay | X | X |
| Inter-Character spacing | X | X |
| Inverted print | X | X |
| Logos/Graphics | X | X |
| Barcodes | X* | 8 Standard |
| English/Spanish prompts | X | X |

\* Requires Data Flash Card with barcode in logo (bmp) format.

## Ink Supply
Cartridge volume: 42cc
Colors: Black, Blue, Red, Green, Yellow
Low ink monitoring

## Environmental
50F - 104F (10C - 40C)
Up to 80% RH non-condensing

## Physical Dimensions
Controller: 4.125" wide x 8.750" long x 1.500" deep
Printhead module: 2" wide x 4" deep x 3" high
Vertical Grip: 4" high
Battery Base: 5" wide x 5" deep x 3" high
Overall Weight: 4 lbs.

inkjet technology by **hp** invent



## Software Options / Packages for EVOLUTION I
Alternative fonts: Downloadable via custom programmed flash card media
Logos: Ability to load up to 3 logos into the message Downloadable via flash card media

### Special Software Package No. 1
**Includes:**
Message Storage: Up to 50 messages system wide
Automatic message repeat
Password protection

### Special Software Package No. 1.5
**Includes:**
Expanded Message Storage: Up to 99 system wide
Expanded Message Length: Up to 48 characters of 1/4" to 1/2" in height. Or, up to 96 characters of 7/32" or smaller with 48 characters in two lines.

### Special Software Package No. 2
**Includes:**
Variable time formats
Variable date formats
Sequential numbering
Special Software Packages 1 and 1.5

### Special Software Package No. 3
**Includes:**
Shift Coding capability
Date Offset and Product Counter
Special Software Packages 1, 1.5 and 2

**Authorized EVOLUTION Distributor:**

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