



THERMAL INKJET PRINTER

# Elfin 4S

DESIGNED TO PRINT WITH TWO, THREE, OR FOUR PRINTHEADS AND YOU CAN USE ANY OF THE HEADS ON ANY SIDE OF THE CASE YOU PREFER.



FOOD



BEVERAGE



COSMETICS



PHARMACEUTICAL



LUMBER



ELECTRONICS



Variable data - support dynamic data, database printing.



Independent controller - 7 inch colorful LCD capacitive screen, brand new interface, can connect with normal or curve surface printheads.



Maximum printable height 2" - four combined printheads enable the printable height to reach 2".



Independent printhead - printheads are separated from the controller, multi-combinations, easy operation.

## TECHNICAL SPECIFICATIONS

|                             |  |
|-----------------------------|--|
| TECHNOLOGY                  | HP THERMAL INKJET 2.5 TECHNOLOGY                             |
| VERTICAL PRINT RESOLUTION   | 50-600 DPI   |
| HORIZONTAL PRINT RESOLUTION | 50-600 DPI   |
| MAXIMUM PRINT SPEED         | 60M/MIN (300 DPI) 30M/MIN (600 DPI)                          |
| PRINT DISTANCE              | UP TO 8MM (NOZZLE TO PRINT SURFACE)                          |
| STORAGE CAPACITY            | STORE UP TO 500 MESSAGES                                     |
| TIME & DATE                 | REAL-TIME INTERNAL CLOCK                                     |
| COMMUNICATION INTERFACE     | ETHERNET, USB 2.0, AND RS232 PORTS                           |
| TOUCHSCREEN                 | 7 INCH (177 MM) FULL COLOR LCD TOUCHSCREEN DISPLAY           |
| PRINthead CABLE             | 4 FT (1.2 M) LENGTH; OTHER LENGTHS AVAILABLE                 |
| LOW INK INDICATOR           | ALERT ON TOUCHSCREEN DISPLAY, ALARM LIGHT BEACON IS OPTIONAL |
| INSTALLATION                | MOUNTING BRACKETS FOR SIDE PRINTING OR DOWN PRINTING         |
| PRINthead VARIATIONS        | LONG OR SHORT PRINthead STYLE DEPENDING ON SPACE             |
| ELECTRICAL REQUIREMENTS     | 100-240 VAC, 50/60 HZ, 80W (SPECIFIED AC ADAPTER)            |
| AGENCY CERTIFICATIONS       | CE, FCC  |

## SOFTWARE SPECIFICATIONS

|                       |  |
|-----------------------|--|
| PRINT CAPABILITY      | ALPHANUMERIC TEXT, TIME & DATE, LOGOS, ITEM NUMBERING, SHIFT CODES, BARCODES, AND MORE |
| DATABASE CAPABILITY   | ETHERNET COMMUNICATION PROTOCOL FOR EXTERNAL COMMUNICATION                             |
| AVAILABLE LANGUAGES   | ENGLISH, SPANISH, PORTUGUESE, GERMAN, FRENCH, CHINESE, JAPANESE, AND RUSSIAN           |
| PRINTING DIRECTIONS   | R-L, L-R, INVERT, REPEAT   |
| MESSAGE LENGTH        | UP TO 9.8 FT (3 M)   |
| MINIMUM PRINT HEIGHT  | 3/64 INCH (1 MM) OR SINGLE CHARACTER FONT HEIGHT                                       |
| MAXIMUM PRINT HEIGHT  | 2 INCH (50.8 MM) OR SINGLE CHARACTER FONT HEIGHT                                       |
| NUMBER OF PRINT LINES | 1, 2, 3, 4 OR MORE LINES OF HIGH-RESOLUTION CODES                                      |
| INK USAGE             | AUTOMATICALLY DETECTS INK TYPE AND CALCULATES USAGE PER MESSAGE                        |

## OPTIONAL ACCESSORIES



Photoelectric  
Sensor

Rotary  
Encoder

Alarm  
Light

Floor  
Stand

## INK SOLUTIONS



A wide range of inks available for both porous and nonporous materials such as flexible film, plastic, glass, treated substrates, paper carton, wood, and metal among others.