THERMAL INKJET PRINTER

Elfin 1S

AN UNPARALLELED COMBINATION OF
FUNCTIONALITY AND SIMPLICITY IN ONE PRINTER. CLEAN,
EFFICIENT, RELIABLE AND MAINTENANCE FREE

FOOD   BEVERAGE   COSMETICS   PHARMACEUTICAL   LUMBER   ELECTRONICS

Clean printing technology - no heavy odors. Eliminate the mess and flushing of solvents associated with traditional coding solutions

User-friendly touchscreen interface - icon-based controller with easy menu navigation for a more intuitive interaction.

Compact and versatile design – with its small footprint, the controller fits where you want it. Separate printhead mounting allows for easy integration into production lines.

Affordable coding – low maintenance cost due to no wear parts and HP™'s disposable ink cartridges eliminates unnecessary printhead servicing.

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TECHNICAL SPECIFICATIONS

TECHNOLOGY	HP THERMAL INKJET 2.5 TECHNOLOGY
VERTICAL PRINT RESOLUTION	300 DPI
HORIZONTAL PRINT RESOLUTION	300 DPI
MAXIMUM PRINT SPEED	198 FT/MIN (60M/MIN) @ 300 DPI (DEFAULT)
PRINT DISTANCE	UP TO 8MM (NOZZLE TO PRINT SURFACE)
STORAGE CAPACITY	UP TO 500 UNIQUE MESSAGES
TIME & DATE	REAL-TIME INTERNAL CLOCK
COMMUNICATION INTERFACE	ETHERNET, USB 2.0, AND RS232 PORTS
TOUCHSCREEN	5 INCH (12.7 CM) 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, 45W (SPECIFIED AC ADAPTER
AGENCY CERTIFICATIONS	CE, FCC

SOFTWARE SPECIFICATIONS

PRINT CAPABILITY	ALPHANUMERIC TEXT, TIME & DATE, LOGOS, ITEM NUMBERING, SHIFT CODES, BARCODES, VARIABLE DATA
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	1/2 INCH (12.7 MM) OR SINGLE CHARACTER FONT HEIGHT
NUMBER OF PRINT LINES	5 INCH (12.7 CM) FULL COLOR LCD AND TOUCHSCREEN DISPLAY
INK USAGE	AUTOMATICALLY DETECTS INK TYPE AND CALCULATES USAGE PER MESSAGE

OPTIONAL ACCESSORIES

Photoelectric
Sensor

Rotary
Encoder

Alarm
Light

INK SOLUTIONS

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