

ELP™-D



Labels for Life.



Thermal Transfer Printer

Identco's ELP™ 345 thermal transfer printer provides excellent print quality at a low cost, saving money without sacrificing performance. This printer prints 300 dpi at 5 inches per second, getting the job done fast. The ELP 345 printer is an excellent choice for printing all of our IMS Series formatted heat shrink, self lam labels, labels and cable marking tags.

Available to quote today!
+1 (800) 533-2559

Highlights

- ZPL emulation
- Center aligned media tracking
- External 8" OD media unwinder
- Uses ribbons coated side-out
- Small desktop footprint - saves space

Features

- 300 dpi thermal transfer printing
- Multiple connections (USB, serial, and Ethernet & wireless)
- Gap sensor
- Fully adjustable black mark sensor
- 2 year warranty
- On-site service plans
- Cutter or perf cutter



www.identco.com

ELP™-D

Thermal Transfer Printer



LABEL PRINTER

Resolution	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal
Max. print speed	127 mm (5")/second
Max. print width	106 mm (4.17")
Max. print length	1,016 mm (40")
Enclosure	Double-walled plastic
Physical dimension	213 mm (W) x 188 mm (H) x 314 mm (D) 8.39" (W) x 7.40" (H) x 12.36" (D)
Weight	2.8 kg (6.17 lbs)
Label roll capacity	127 mm (5") OD Inside Printer • 203 mm (8") OD with External Media Stand
Ribbon	300 m (984 ft), max OD 67mm, 1" core (ink coated side-out)
Ribbon width	40 mm ~ 110 mm (1.6" ~ 4.3") 1" Cores
Processor	32-bit RISC CPU
Memory	• 4 MB Flash memory • 8 MB SDRAM • SD card reader for Flash memory expansion, up to 4 GB
Interface	• USB 2.0 • RS-232 • Centronics • Internal Ethernet, 10/100 Mbps (factory option) • Bluetooth (user option) • External 802.11 b/g/n wireless (user option)
Power	External universal switching power supply • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W
Operation switch, button, LED	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)
Sensors	• Transmissive gap sensor • Ribbon end sensor • Head open sensor
Internal fonts	• 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Bar code	• 1D bar code Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11 • 2D bar code PDF-417, Maxicode, DataMatrix, QR Code, Aztec
Font and barcode rotation	0, 90, 180, 270 degree
Printer language	TSPL-EZ TM (Compatible to EPL, ZPL, ZPL II)
Media type	Continuous & formatted shrink tube, die-cut, black mark, fan-fold, notched (outside wound)
Media width	20 ~ 112 mm (0.78" ~ 4.4")
Media thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)
Media core diameter	25.4 or 76.2 mm (1" or 3")
Label length	10 ~ 1,016 mm (0.39" ~ 40")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10~ 90% non-condensing
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC
Environmental concern	Comply with RoHS, WEEE
Accessories	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord • External universal switching power supply • Label spindle fixing tab x 2, 1.5" core adapter x 2 • Ribbon spindle x 2 • Ribbon paper core
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first
Factory options	• Internal Ethernet interface (10/100 Mbps) • Real time clock
Dealer options	• Peel-off module • Guillotine cutter (full cut or partial cut)
User options	• Bluetooth module (serial interface) • 802.11 b/g/n wireless module (serial interface) • External roll mount, media OD, 214 mm (8.4") on a 1" or 3" core • 3" core label spindle • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard
Printer Driver	• NiceLabel printer driver: TSC TTP-345 • Seagull printer driver: TT027-70

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 7/7/2017.

UNITED STATES HEADQUARTERS

28164 W. Concrete Drive
Ingleside, IL 60041
Phone: +1 (815) 385 - 0011
Fax +1 (815) 385 - 0359

MEXICO MONTERREY

Carr. a Laredo Km. 16.5 Interior
14B, Col. Moisés Sáenz, 66613
Apodaca, Nuevo Leon
Phone: +52 (81) 8008 - 0438

GERMANY FRANKFURT

Güterbahnhofstrasse 3-7
63450 Hanau
Phone: +49 (6181) 440 830 - 0
Fax: +49 (6181) 440 830 - 99

PRC HONG KONG

Unit 1708, 17/F, 9 Wing Hong St.
Cheung Sha Wan, Kowloon
Phone: +852 2959 2156
Fax: +852 2959 2019

MALAYSIA PENANG

Suite 163E, Level 16, Room 1602
Hunza Tower Gurney Paragon
Jalan Kelawei, Georgetown
10250 Penang
Phone: +6012 466 - 0866

ELP™-I



Labels for Life.



**Two configurations with
interchangeable print heads**

300dpi • 600dpi

Standard Interfaces

- USB 2.0
- Ethernet
- Parallel
- 9-pin RS-232
- 2 USB hosts for scanner or keyboard

Stand Alone Printing

Stand Alone Mode promotes cost savings by ease of use, freeing up valuable floor space and allowing diverse printer placement. No PC needed.

Available to quote today!
sales@identco.com
1 (800) 533-2559

Highlights

- Interchangeable printheads
- 1 printer = 2 printers (300-600dpi)
- Exceptional print registration
- Print with web widths as narrow as .45"
- Center align version
- Large color LCD touch screen
- Minimal waste during calibration
- Easy loading and removal of labels/ribbons
- Very user friendly operation

Features

- 450 meter ribbon lengths
- 6" per second print speed at 600dpi
- Holds 8" OD media rolls
- Standard 1" core ribbons, CSO/CSI
- 2 year printer warranty
- Optional Cutter
- Optional Applicator



www.identco.com



Interchangeable Print Heads



Labels for Life.

● **STANDARD** ○ **OPTION**

LABEL PRINTER		ELP-I™	
		300	600
Printhead	Print method		
	Print resolution dpi	300	600
	Print speed up to mm/s	250	100
	Print width mm	105.6	105.6
Material	Media roll total diameter up to mm	205	205
	Label width mm	4 – 105	4 – 105
	Label height without feedback from mm	4	4
	Label height up to mm	4000	1000
Ribbon	Ink		
	Ribbon length variable up to mm	500	500
Printer Dimensions	Height x depth mm	274x446	274x446
	Width mm	242	242
Electronics	Processor high speed clock rate MHz	266	266
	RAM MB	64	64
	Memory IFFS MB Flash	8	8
	Slot for Compact Flash Memory Card	●	●
	Slot for wireless LAN card	●	●
	Battery Buffer Card	Real-time clock, Printout of time and date, Data storage on shut	
	Warning signal	Acoustic signal in case of error	
Interfaces	Centronics bi-directional acc. IEEE 1284	○	○
	RS232 C	●	●
	USB 2.0 High Speed Slave for PC	●	●
	Ethernet 10/100 Base T	●	●
	RS422, RS485	○	○
	Peripheral connection	●	●
	WLAN card 802.11 b/g	○	○
2x USB Master for		External operation panel, scanner, keyboard, service key	
Center Aligned		* ELP320M	* ELP620M

IDENTCO offers the ELP™ series of thermal transfer printers. Faster ELP™ printers allow users to load, print, and change materials more efficiently. The ability to operate with a computer or network or in stand alone mode offers flexible printer operation.

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 7/7/2017.

UNITED STATES HEADQUARTERS

28164 W. Concrete Drive
Ingleside, IL 60041
Phone: +1 (815) 385 - 0011
Fax +1 (815) 385 - 0359

MEXICO MONTERREY

Carr. a Laredo Km. 16.5 Interior
14B, Col. Moisés Sáenz, 66613
Apodaca, Nuevo Leon
Phone: +52 (81) 8008 - 0438

GERMANY FRANKFURT

Güterbahnhofstrasse 3-7
63450 Hanau
Phone: +49 (6181) 440 830 - 0
Fax: +49 (6181) 440 830 - 99

PRC HONG KONG

Unit 1708, 17/F, 9 Wing Hong St.
Cheung Sha Wan, Kowloon
Phone: +852 2959 2156
Fax: +852 2959 2019

MALAYSIA PENANG

Suite 163E, Level 16, Room 1602
Hunza Tower Gurney Paragon
Jalan Kelawei, Georgetown
10250 Penang
Phone: +6012 466 - 0866

ELP Flex Printer



Three configurations with
interchangeable print heads

203dpi • 300dpi • 600dpi



Standard Interfaces

- USB 2.0
- Ethernet
- Parallel
- 9-pin RS-232
- USB host for scanner or keyboard

Stand Alone Printing

Stand Alone Mode promotes cost savings by ease of use, freeing up valuable floor space and allowing diverse printer placement. No PC needed.

Available to quote today!
sales@identco.com
1 (800) 533-2559

Highlights

- Interchangeable printheads
- 1 printer = 3 printers (203-300-600dpi)
- Exceptional print registration
- ZPL Emulation - Best in the industry
- Large color LCD touch screen
- Minimal waste during calibration
- Easy loading and removal of labels/ribbons
- Direct-gear driven - no belts to wear out
- Stand alone printing mode.
- No PC needed. Very user friendly operation

Features

- Standard 600 meter ribbon lengths
- Up to 14" per second print speed
- Holds 8" OD media rolls
- Standard 1" core ribbons, CSO/CSI
- 2 year printer warranty
- Optional Cutter



www.identco.com

ELP™ Flex Printer

Interchangeable Print Heads



Labels for Life.

■ Standard □ Option

LABEL PRINTER

	Thermal transfer / Direct thermal		
Printhead	Print method	Thermal transfer / Direct thermal	
	Print resolution dpi	203	300
	Print speed up to mm/s	356	254
	Print width mm	104	104
Material	Media roll total diameter up to mm	208	208
	Label width mm	25.4-116*	25.4-116*
	Label length up to mm	25,400	11,430
Ribbon	Ribbon Ink coated (1" cores)	CSO/CSI	CSO/CSI
	Ribbon length variable up to m	600	600
	Ribbon width up to mm	114	114
Print Alignment	Media is left (L) or center (C) justified	L	L
Dual Side Printing	Print on both sides of media	NO	NO
Printer Dimensions	Width x Height x depth mm	270x308x515	270x308x515
	Weight (lbs.)	33	33
Electronics	Processor high speed clock rate MHz	32-bit RISC	32-bit RISC
	RAM MB	128	128
	Memory IFFS MB Flash	128	128
	ZPL emulation	YES	YES
	Stand-Alone Printing	YES	YES
	Slot for Compact Flash Memory Card	■	■
	Slot for wireless LAN card	RS-232	RS-232
Interfaces	Warning signal	Acoustic signal in case of error	
	Centronics bi-directional acc. IEEE 1284	■	■
	RS-232 (9 pin)	■	■
	USB 2.0 High Speed for PC	■	■
	Ethernet 10/100 Base T	■	■
	USB host for scanner or keyboard	■	■
	Bluetooth	□	□
Options	WLAN card 802.11 b/g	□	□
	Cutter	□	□
	Peel-off kit	□	□

¹⁾ All materials are approximate values. Small labels, very thin, narrow, thick or stiff materials as well as labels with strong adhesives need to be tested first.



Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 7/7/2017.

UNITED STATES HEADQUARTERS

28164 W. Concrete Drive
Ingleside, IL 60041
Phone: +1 (815) 385 - 0011
Fax +1 (815) 385 - 0359

MEXICO MONTERREY

Carr. a Laredo Km. 16.5 Interior
14B, Col. Moisés Sáenz, 66613
Apodaca, Nuevo Leon
Phone: +52 (81) 8008 - 0438

GERMANY FRANKFURT

Güterbahnhofstrasse 3-7
63450 Hanau
Phone: +49 (6181) 440 830 - 0
Fax: +49 (6181) 440 830 - 99

PRC HONG KONG

Unit 1708, 17/F, 9 Wing Hong St.
Cheung Sha Wan, Kowloon
Phone: +852 2959 2156
Fax: +852 2959 2019

MALAYSIA PENANG

Suite 163E, Level 16, Room 1602
Hunza Tower Gurney Paragon
Jalan Kelawei, Georgetown
10250 Penang
Phone: +6012 466 - 0866