








# The Industrial Thermal Solutions



## CLe Series Printers

Industrial CLe high-speed printers are ideal for:

-  **Compliance Labeling**
-  **WIP Tracking**
-  **Shipping/Receiving**
-  **Asset Tracking**
-  **WMS**
-  **Logistic Tracking**
-  **Retail Labeling**
-  **Laboratory Labeling**
-  **Pallet Labeling**

### Industry Leading Throughput

The CLe Series printers use a fast, powerful 32-Bit RISC processor and high-speed interface to deliver excellent performance at an outstanding value.

### Rugged Industrial Design

The CLe's heavy-duty metal construction, proven reliability, and excellent media handling deliver optimum performance in the most demanding environments.

### Connectivity and Application Flexibility

The CL408e/CL412e and CL608e/CL612e printers simplify connectivity with seven options of user configurable Plug-In Interface Modules. For centralized printer management and administration, the CLe Series offers 10/100 Ethernet (wired) and wireless (802.11g) interface solutions.



Performs best with  
**Techno**  
T H E R M  
Labels & Ribbons

# SPECIFICATIONS



	CL408e	CL412e	CL608e	CL612e
<b>Printing Method</b>	Direct Thermal, Thermal Transfer			
<b>Print Resolution</b>	203 dpi (8 dpmm)	305 dpi (12 dpmm)	203 dpi (8 dpmm)	305 dpi (12 dpmm)
<b>Print Speed</b>	6 ips (150 mm/s)		8 ips (200 mm/s)	
<b>Media Size</b>	Max. 5.1" (131 mm) W Min 0.87" (22 mm) W x 0.24" (6 mm) L		Max. 7" (178 mm) W Min. 1.96" (50 mm) W x 0.78" (20 mm) L	
<b>Max. Print Width</b>	4.1" (104 mm)		6" (152 mm)	6.5" (164 mm)
<b>Max. Print Length</b>	49.2" (1249 mm)	32.8" (833 mm)	49.2" (1249 mm)	32.8" (833 mm)
<b>Max. Ribbon Size</b>	4.4" (111 mm) W x 1475' (450 m) L; Face-In		6.75" (172 mm) W x 1345' (410 m) L; Face-In	
<b>Dimensions</b>	10.7" (271 mm) W x 16.9" (430 mm) D x 12.6" (321 mm) H		13.8" (352 mm) W x 16.9" (430 mm) D x 11.7" (298 mm) H	
<b>Weight</b>	28.7 lbs (13 kg)		41.9 lbs (19 kg)	

## Memory:

- 16 MB Standard RAM
- 2 MB Standard Flash
- 4 MB Flash - Optional
- 1 MB or 256k PCMCIA - Optional

## Processor:

32-BIT RISC

## Media:

Roll-fed or fan-fold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap, or notch.

Max. Caliper: 0.01" (0.25 mm)

Max. Roll Diameter: 8.6" (218 mm)

Wind: Face-In

## Sensing:

- Adjustable transmissive sensor for gap
- Reflective sensor for black mark
- Automatic, programmable top of form
- Label present sensor (opt. w/dispenser)
- Ribbon-out sensor

## Plug-In Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- Ethernet - 10/100BaseT
- Wireless 802.11g
- Twinax/Coax
- RS422/485
- USB (Factory Installed)

## Barcode Symbolologies:

**Linear:** UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™

**2-Dimensional:** PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology

## Fonts:

Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® and CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points

## Barcode and Font Formatting:

- 360° rotation of barcodes and text
- Horizontal and vertical character expansion
- Sequential numbering
- Form overlay for high-speed editing of complex formats

## Graphic Support:

Printing and storage of \*.PCX, \*.BMP format, SATO Hex/binary

## Software:

- Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7)
- Label Software (*Label Gallery Free*)
- Printer Utilities

## Electrical Requirements:

115V/220V (± 10%), 50/60 Hz (± 1%)

## Agency Certifications:

CE, UL, CSA, TÜV

## Environmental Requirements:

Operating: 41° to 104°F (5° to 40°C)

15-85% RH, non-condensing

Storage: 23° to 140°F (-5° to 60°C)

Max. 90% RH, non-condensing

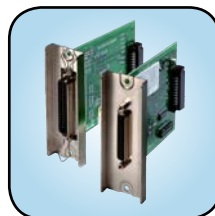
EDS: 8kV

## Optional Features:

- Label Cutter
- Label Rewinder
- Memory Expansion
- Plug-In Interface
- Label Gallery
- Label Dispenser
- Internal Rewinder
- Real Time Clock
- RFID (CL4xxe)



Memory Expansion



Plug-In Interface Modules



Dispenser



Rewinder



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