

# CITIZEN

Micro HumanTech

**High performance with easy access**  
**Ingenuously designed for easy operation and reliability**



## CITIZEN CL-S700

LABEL & BARCODE

### Typical Applications

- Logistics
- Warehouseing
- Courier
- Textile
- Shelf-Edge
- Card Tags
- Retail



### Space-Saving Design Concept

The Hi-Open™ case lifts up vertically meaning that the printer's footprint does not change as the cover is opened making it ideal for tight spaces.



### Front Loading Rewinder

The clever and unique CL-S700R includes an internal rewriter that is simplicity itself to use. The front door drops down and the liner or labels are loaded.



### Easy Configuration

The large graphic LCD gives a clear indication of printer status and easy printer configuration.

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## Product Versions

### Internal Peel & Rewind

The CL-S700R features an integrated peeler with liner rewinder for easy label dispensing. The peel sensor waits for each label to be taken before printing another.



### 300 dpi Resolution

The CL-S703 is ideal for small labels with 2D matrix barcodes such as Datamatrix, DataBar, QR-Code and PDF417 or printing company logos and idents and CE or WEEE logos.



## Printer Specifications

Model Version	CL-S700DT	CL-S700	CL-S700R	CL-S703	CL-S703R*
Technology	Direct Thermal	Thermal Transfer & Direct Thermal			
Resolution	203 dpi (8 dots per mm)			300 dpi (12 dots per mm)	
Print Speed (maximum)	7 ips, 175mm/sec	10 inches per second (254 mm / second)		8 inches per second (200 mm / second)	
Print Width (maximum)	4.10 inches, 104.1 mm				
Media Width (min to max)	1.00 inches to 4.65 inches (25.4 mm to 118.1 mm)				
Media Length (min to max)	0.25 inches to 32.0 inches (6.35 mm to 812.8 mm)				
Roll Size (max), Core Size (min)	8 inches (200 mm) outside diameter. Core size minimum of 1 inch (25mm). External media slot				
Media Sensor	Fixed front sensor	Fully adjustable rear sensor and high resolution front sensor			
Media Thickness (min to max)	0.0025 inches - 0.01 inches (0.0635 - 0.254 mm)				
Ribbon Size		3.40 inches (86.5 mm) maximum Outside Diameter. 1476 ft (450 metres) length.			
Ribbon Winding & Type	Direct thermal only	Ink side in or out, automatically sensing. Wax, Wax/Resin or Resin Type			
Ribbon System		ARCP™ automatic ribbon tension adjustment			
Emulations (Languages)	Cross-Emulation™ - automatic switching between Zebra® ZPL-II® and Datamax® I-Class®, DMX400®				
Standard Interfaces	Serial & USB	Parallel (IEEE-1284), Serial (RS-232C), USB (version 1.1)			
Optional Interfaces	Parallel, LAN, WLAN	Ethernet LAN (10/100 BaseT), Wireless LAN (802.11b, g, n*)			
Case Type, Mechanism Type	Hi-Open™ metal case with safe, soft-close feature. Hi-Lift™ mechanism with 90° opening				
Control Panel	4-line back-lit graphic LCD and 4 buttons				
RAM (Standard Memory)	16.0 Mb total, 1.0 Mb available for user				
Flash (Non-Volatile Memory)	4.0 Mb total, 1.0 Mb available for user				
Windows® drivers, design software	Free-of-charge on CD with printer, including support for Windows® XP®, 2003, 2008, Vista®				
Internal Peeler & Rewinder	No	No	Yes	No	Yes
Size (W x D x H mm)	255 x 490 x 265	255 x 490 x 265	255 x 490 x 385	255 x 490 x 265	255 x 490 x 385
Weight (approximately)	12.5 Kg	13.3 Kg	17.6 Kg	13.3 Kg	17.6 Kg
Warranty	2 Year Manufacturer's Warranty or 100 Km on printer. Printhead: 50 Kms or 6 months in TT mode				

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## Features

- Hi-Lift™ mechanism for easy ribbon and media loading.
- Hi-Open™ case for vertical opening, no increase in footprint and safe closing.
- Cross-Emulation™: Zebra® and Datamax® languages standard and automatically selected.
- Backlit LCD control panel for easy configuration.
- Front access for all operations including media and ribbon changing.
- Power switch located in recess at front of printer.
- Adjustable media sensor as standard with label gap and black mark sensing.
- Ingenious front-loading rewriter for peeling or batch mode.
- Optional Wireless LAN and Ethernet, cutters and peelers

Dealer Stamp

1200000

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## Optional Media Handling

### Two Autocutter Versions

The CL-S700 and CL-S703 printers feature two cutter types: a *heavy-duty* cutter for thick card and plastics media and a *high-speed* cutter for standard labels and paper.



### Optional Peeler

An optional peeler can be added to the CL-S700 and CL-S703 giving the peel-and-present function without the height of the full liner rewriter case.



### Batch Mode Printing

The CL-S700R can be used for 'core-to-core' batch label printing using the optional rewriter paper guide and paper core holder.



## Auto Cutter Specifications

Model	CL-S700DT, CL-S700, CL-S703 (Cutter does not fit on "R" models)	
Version	High Speed	Heavy Duty
Type	Running Blade	Rotary
Media Thickness	0.0024 - 0.01 inches 0.06 - 0.25 mm	
Cut Length	Minimum: 1.00 inch, 25.4 mm Maximum: determined by software	
Speed: time/cut	0.3 seconds	0.8 seconds
Cuts/thickness 0.06-0.15mm 0.15-0.25mm	300,000 cuts 100,000 cuts	500,000 cuts 200,000 cuts
Suggested Media Types	Card or ticket media, adhesive labels on backing	Textile, PET, thin plastic, thick card or tickets
Media Guidelines	Fanfold or Roll media. Roll media should be on a minimum 50mm core. Cut quantity may not be guaranteed with adhesives	
Cut tolerance	± 1 mm horizontal and vertical	
Weight (approx.)	0.46 Kg	0.80 Kg

## Peeler Specifications

Model	CL-S700DT, CL-S700, CL-S703	CL-S700R CL-S703R*
Installation	Optional	Standard
Liner rewinding	No	Integral front-loading spool
Label-taken sensor	Standard	Standard
Type	S-bend, silicone dual roller	
Liner Thickness	0.07mm, 0.0027 inches (max)	
Label Thickness	0.17mm, 0.0067 inches (max)	
Liner Width	25 - 118mm, 1 - 4.65 inches	
Label Length (min)	1 inch, 25.4mm	
Label Length (max) Table Top Table Edge	120mm, 4.72 inch 812mm, 32.0 inch	280mm, 11.0 inch 812mm, 32.0 inch
Print Speed	Not to exceed 7 inches per second	
Label width	To be narrower than liner	
Number of Labels	100 Km or 1 million peeled labels (when using specified media)	

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## General Applications

- Logistics and Courier Labels



- Warehouse and Distribution



- Retail and Item Labelling

