# CITIZEN
## Micro HumanTech

## High performance with easy access
## Ingeniously designed for easy operation and reliability

# CITIZEN CL-S700
## LABEL & BARCODE

### Typical Applications

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

### 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 rewinder 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 | Direct thermal only | 3.40 inches (86.5 mm) maximum Outside Diameter. 1476 ft (450 metres) length. | | | |
| Ribbon Winding & Type | | 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 rewinder 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 rewinder case.

### Batch Mode Printing

The CL-S700R can be used for 'core-to-core' batch label printing using the optional rewinder 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) | |

# CITIZEN CL-S700

## General Applications

- Logistics and Courier Labels

- Warehouse and Distribution

- Retail and Item Labelling

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