



# Raising the bar for cleanroom label printers.

## Cleanroom Label Printers

LGI International's line of label printers provides powerful printing performance with an easy-to-use interface. Just like our leading CleanMark® labels and printer ribbons, each of LGI's printers can be delivered as CleanMark® certified. Finally, you can leverage an on-demand label printing solution that is safe and effective for your critical environments.

### CleanMark® certified

LGI has applied its time-tested CleanMark® particulate removal process to offer clean printers to the critical environment market. These CleanMark® certified printers can be confidently used in your cleanroom and are ideally suited for use with CleanMark® labels, notes and ribbons.

### Powerful yet compact label printer

At just under 7" tall and 8" wide, the LGI **250c** printer features an advanced processor and memory engine for faster operation—up to four inches per second. The **250c** accommodates a maximum 5" OD media roll with thermal transfer printing width of 1.0" to 4.1". A variable range of media applications are easy to manage via either see-through or reflective sensors.

### Industrial strength label printers

The **350i** is a powerful yet easy-to-use printer with throughput of up to 6 inches per second. The **350i** features a movable reflective sensor—making it easy to detect variable media with 10mm – 110mm width. The **350i** accommodates a maximum 6" OD media roll with direct thermal or thermal transfer printing width of up to 4.0".

The LGI **450i** printer features a unique "stand-alone" operation, which enables label generation without connection to a PC. The **450i**'s built-in flash ROM enables users to quickly download firmware and easily switch programming languages. This powerful printer accommodates a maximum 8.0" OD media roll with direct thermal or thermal transfer printing width of 1.0" to 4.0".

## Product Highlights

- Quick and easy printing of barcodes, text & graphics
- Powerful printing performance, up to 6 inches per second
- Use with a variety of media sizes and types
- Choose from a wide range of supported barcodes
- Thermal transfer and direct thermal transfer printing
- Safely use in cleanroom critical environments
- Includes easy-to-use barcode software
- Ideally suited for LGI CleanMark® labels, notes and ribbons



 **LGI International**  
Advancing the technology of labels

# LGI Cleanroom Label Printers



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SPECIFICATIONS	250c	350i	450i
Printing Method	Direct Thermal & Thermal Transfer		
Printing Resolution	203 dpi (8 dots/mm)		
Printing Speed	2 - 4 ips (51mm/s - 102mm/s)	2 - 6 ips (51mm/s - 150mm/s)	2 - 6 ips (51mm/s - 150mm/s)
Printing Length	1" - 53" (25mm - 1143mm)	0.4" - 43" (10mm - 1092mm)	1" - 43" (25mm - 1092mm)
Printing Width	Max 4.1" (104mm)	Max 4.0" (101.6mm)	Max 4.0" (101.6mm)
Memory	2MB DRAM   2MB Flash ROM	2MB DRAM   1MB Flash ROM	2MB DRAM   1MB Flash ROM
CPU Type	32 bit RISC microprocessor		
Media Sensor	Reflective/See-through	Reflective (adjustable)	Reflective/See-through (adjustable)
Display	LED indicators x 2	LED indicators x 3	Back-lit LCD, 2-line x 6 LED indicators x 3
Operation Interface	Buttons x 1	Buttons x 3	Buttons x 3
Communication Interface	Centronics parallel RS-232 serial Bi-USB (Full Speed) Ethernet adapter (optional)	Centronics parallel RS-232 serial	Centronics parallel RS-232 serial PS/2 Keyboard Ethernet adapter (optional)
Fonts	International character sets standard 5 alpha-numeric fonts from 0.049"H - 0.23"H (1.25mm - 6.0mm) All fonts are expandable up to 24 x 24 4 direction 0° to 270° rotation Soft fonts are downloadable		
Barcodes	Code 39, Code 128 UCC, EAN-8 2&5 add on, UPC, POSTNET, Maxicode, Extended Code 39, Code 128 (Subset A,B,C), Codabar, EAN-13, UPC-A, German POST, PDF-417, Code 93, Interleave 2 of 5, EAN-128, E 2&5 add on, Matrix 25, Data Matrix		
Graphics	PCX bit map, GDI graphics	PPLA: PCX, BMP, IMG, HEX, GDI PPLB: PCX, Binary raster, GDI	PCX bit map, GDI graphics
Software	ARGOX PPLA & PPLB Language Windows Driver (Win98/2000/NT/XP) Label editing software - ArgoBar Print Utility		
Media	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label Max width 4.25" (110mm) Min width 1.0" (25mm) Min length 0.4" (10mm) Thickness .0025" - .01" (.0635mm - .254mm) Max roll capacity 5" (127mm) OD Core size 1" (25mm) ID	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label with face-in media run way Max width 4.3" (110mm) Min width 1.0" (25mm) Thickness 0.0025" - .01" (0.0635mm - 0.254mm) Max roll capacity 6" (152mm) OD Core size 1" - 1.5" (25mm - 37mm) ID (Core size 3" ID can be installed by media core adapter)	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label Max width 4.6" (110 mm) Min width 1.0" (25mm) Min length 0.4" (10mm) Thickness .0025" - .01" (.0635mm - .254mm) Max roll capacity 8" (203mm) OD Core size 1.5" - 3.0" (38mm - 76mm) ID
Ribbon	Wax, Wax/Resin, Resin - outside coating Ribbon width - 2", 4" (50.8mm - 101.6mm) Ribbon roll - max OD 1.5" (38mm) Ribbon length - max 328' (100M) Core size - ID 0.5" core (13mm) with notch	Wax, Wax/Resin, Resin w/ inside coating Ribbon width - 2", 4" (50.8mm, 101.6mm) Ribbon roll - max OD 2.67" (68 mm) Ribbon length - max 1182' (360M) wax, Ribbon length - max 984' (300M) resin Core size - ID 1" core (25mm)	Wax, Wax/Resin, Resin Ribbon width - 1.3", 2.5", 3.3", 4.3" (33mm, 64mm, 84mm, 109mm) Ribbon roll - max OD 3" (76mm) Ribbon length - max 1182' (360M) Core size - ID 1" core (25mm)
Dimensions	7.87"W x 6.69"H x 9.65"L (W200mm x H170mm x L245mm) 4.9 lbs (2.2kgs)	9.1"W x 8.6"H x 12.4"L (W314mm x H231mm x L218mm) 9.3 lbs (4.2kgs)	9.84"W x 10.35"H x 16.46"L (W250mm x H418mm x L263mm) 24.6 lbs (11kgs)
Power Source	110/220 VAC +/-10%, 50/60 Hz, external power adapter	110/220 VAC ± 10%, 50/60 Hz, internal Universal Power Supply	110/220 VAC +/-10%, 50/60 Hz, internal Universal Power Supply
Agency Listing	CE, UL, CUL, FCC class A, CCC		
Operational Environment	40°F - 100°F (4°C - 38°C) 10 - 90% non-condensing		
Optional Items	Cutter, dispenser kit, real time clock card, ArgoNet print server, ArgoKee, 2MB Asian font card (Traditional Chinese, Simplified Chinese, Korean and Japanese)	Cutter, dispenser kit, real time clock card, ArgoNet print server, USB interface, Asian font card	Cutter, dispenser kit, real time clock card, ArgoNet print server, USB interface, 2MB Asian font card (Traditional Chinese, Simplified Chinese, Korean and Japanese)