Cx150i High-Resolution Inkjet Printer

Unlock the Power of High-Resolution, Non-Porous Printing

The **Cx150i** creates high-quality codes that complement your brand. Unlock the power of high-resolution printing and enhance your non-porous packaging.

Unlock the power of direct box coding

◆ Brand logos and graphics up to 600dpi
◆ 1D and 2D barcodes, including QR codes powered by GS1
◆ Product batch information and serialized data for product traceability
◆ True Type and Open fonts for complete control of code aesthetics
◆ Surface printing for both side / vertical and top / horizontal applications
◆ Large format, high-resolution printing on boxes and more

Cost-effective, high-quality, high-resolution printing

◆ Unparalleled print quality from Domino's established **Cx-Series**
◆ Print resolution up to 300 x 600dpi
◆ A range of settings provide high code quality with minimal ink usage

Code accuracy and consistency

◆ Smart integration with coding automation software for accurate code content
◆ Barcode scanner and vision control integration to confirm code readability

Green Credentials

Domino is committed to making a difference by helping manufacturers be more sustainable. Printing with the Domino **Cx150i** can help you tackle some of your environmental challenges.

• Our innovative ink pouch minimizes the creation of waste material
• UV-cure inks provide a low-VOC solution to solvent-based alternatives
• Modern, LED UV lamps provide efficient, effective, lower power curing
• No factory air is needed

Big on Connectivity

The **Cx150i** is Industry 4.0-ready, for seamless factory integration

◆ A broad range of connectivity options facilitate integration with factory equipment

◆ Simple text transfer solution for integration with a variety of host packaging and processing machinery

◆ The **Cx150i** integrates with factory MES and ERP systems, via **Domino Automation** coding automation solutions

◆ Domino's cloud-based services give you 24/7 visibility of the printer's performance and utilization, allowing you to drive overall equipment effectiveness (OEE) and maximize your profitability

Simple to use

The **Cx150i** makes coding easy

◆ Simple operation: with Domino's intuitive **QuickStep** touchscreen user interface, settings can be adjusted easily and whole new layouts created quickly from scratch

◆ Minimal intervention: the 500ml ink supply enables increased uptime

◆ No line stops: ink can be replenished during production

◆ Minimal need for regular maintenance, with no factory air or filter changes

A complete solution

Our services are designed to provide operational resilience, helping you to reduce downtime and maximize production efficiency.

Operational support

An outstanding level of care, wherever you are. Our **SafeGuard** packages provide high-quality, on-site assistance and AR-enabled remote guidance from our technical experts. **SafeGuard** helps to ensure we can be with you when you need us most.

Automatic code inspection

Ensure every code that leaves your factory is present and correct. With the **R-Series** - Domino's range of vision control systems - you can automate your code inspection to validate code presence, placement, and readability, and free up operator time for other activities.

Automation

Centralize your label management: **Domino Automation** easily integrates into your manufacturing process as well as your ERP/ MES systems. It makes automatic changeovers safe and simple, helping you to reduce waste and drive sustainability initiatives while increasing productivity and efficiency.

Smart production

Gain operational insight by connecting your printer to Domino's cloud based services. Access our production analytics dashboard and receive system error alerts by phone or email. Domino's cloud based services provides you with the information you need to run your operations more efficiently.
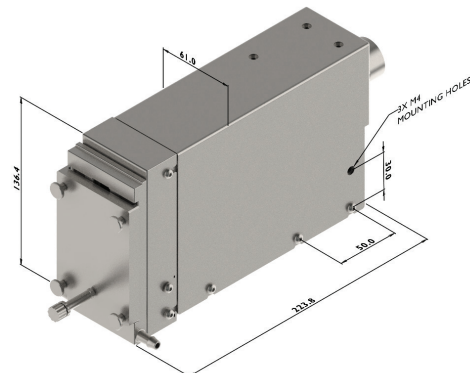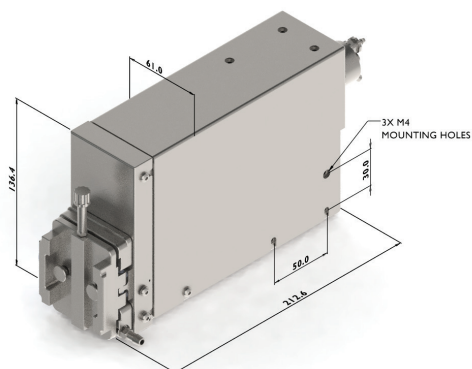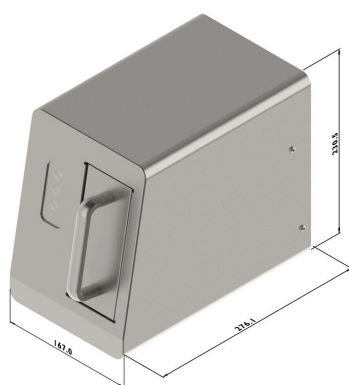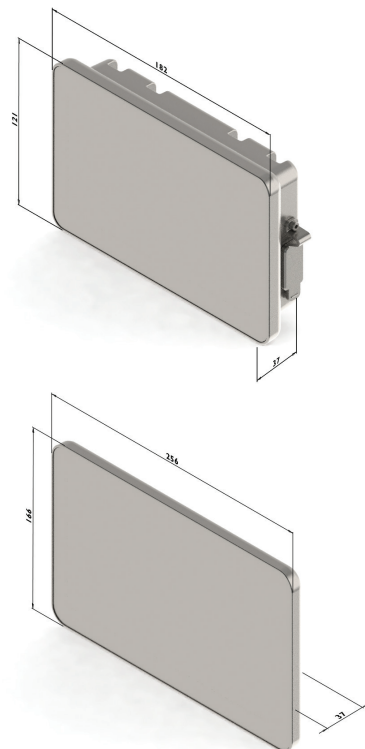
Technical specification

Cx150i

Inkbase	
	Cx1-Inkbase A Cx150i inkbase for UV-cure ink
Dimensions	Width 167.0mm / Depth 276.1mm / Height 230.5mm / Weight 7.3kg not including screw, power button, latch, connector cover, bracket
Internal ink reservior	50 ml
Electrical supply	Input 100-240Vac, 50-60Hz, 2A
Power connector	6mm dc power jack from brick-style PSU (supplied)
External connection options	1 x 24Vdc power input jack, 1 x encoder input, 3 x I/O connectors 2 x USBs (type A), 2 x RJ-45, 2 x IX

Printhead		
	Cx1-PH 32 A Cx150i 32.5mm printhead for UV ink	**Cx1-PH 65 A** Cx150i 65.0mm printhead for UV ink
Conduit length options	1.5m and 3.0m	1.5m and 3.0m
Dimensions	Width 61.0mm / Depth 212.6mm / Height 136.4mm / Weight 1.92kg	Width 61.0mm / Depth 223.8mm / Height 136.4mm / Weight 2.05kg
Maximum height of print	32.5mm	65.0mm
Vertical resolution	300dpi	150dpi
Horizontal resolution	up to 600dpi	up to 600dpi
Distance to bottom nozzle	23.3mm	32.7mm

TouchPanel	
User interface	7" or 10" touchscreen interface with **QuickStep** software
Dimensions	7" Width 182mm / Depth 37mm / Height 121mm / Weight 0.8kg 10" Width 256mm / Depth 37mm / Height 166mm / Weight 1.2kg

System specification	
Operating temperature	5-40°C
Operating relative humidity	10-90% RH (non-condensing, 10°C increase per hour)
Finish	Brushed stainless steel
Protection	IP4X
Communication	Ethernet / Dynamark protocol, EDC (serial, TCP, USB), Domino Cloud Interface (DCI), **Domino Automation**
Print speed	max. 200m/min. @100dpi, 100m/min. @200dpi, 70m/min. @300dpi, 47m/min. @450dpi, 35m/min. @600dpi
Inks*	High-contrast, UV-cure inks supplied in 500ml, low-waste flexible pouch
Recommended UV-cure lamp specification	395nm UV lamp with an intensity of 8-12W/cm^2 over 20mm of movement and a distance of 5mm can provide effective cure at up to 70m/min. linear speed **

* This product has a quality management system that means that it will only work with Domino circuitry, and it uses dynamic security measures to block non-Domino circuitry from being used. From time to time updates to the circuitry will be issued by Domino to maintain the effectiveness of the quality management system.

** UV-cure performance is dependent on many variables and tests should always be made to evaluate performance in a specific application.