

Gx-Series PRO

Enabling Smarter Packaging with High-Quality 2D Codes

Retail and supply chain stakeholders are adapting packaging to support inline printing of variable-data 2D codes. Demand for QR and Data Matrix codes is increasing due to GS1's Sunrise ambition for point of sale (POS) adoption, Digital Deposit Return Schemes, consumer engagement, and taxation requirements.

2D codes offer major benefits, but must meet grading standards, scan reliably, and provide enough space for required data, therefore inline verification is essential to detect and correct errors in real time. As a result, food producers need solutions that deliver high-resolution, compliant codes at high speeds, across larger print areas and, where needed, longer throw distances. Through a combination of benefits such as enabling dynamic pricing, providing better control on expiry dates and product recalls, 2D codes deliver significant operational and reputational gains and enable retailers to maintain compliance with regulations.



Supporting Efficiency, Accuracy and Compliance

Gx-Series PRO thermal inkjet (TIJ) printer delivers high-contrast, GS1-compliant 2D codes at speeds suited to modern food production lines.

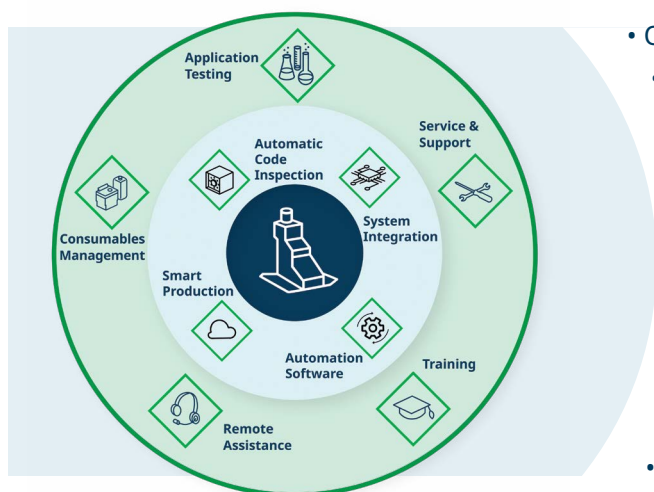
Key capabilities

- ◆ Print height up to **23mm** per printhead; up to **91.9mm** stitched
- ◆ Resolution up to **1200dpi**
- ◆ **High optical density** on porous and non-porous substrates
- ◆ Up to **10mm** throw distance
- ◆ Reliable low-temperature performance with the **Gx-Series Printhead Heater**, ideal for chilled food environments
- ◆ Food-packaging compliant (nDFC) ink, manufactured in accordance with **EuPIA GMP**

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Domino. Do more.

Relax. And code with confidence.



- **Quality coding equipment**
- **Vision systems** for automatic code inspection
- **Modular automation software**
- **Cloud connected** devices & analytics
- **Certified installation and integration** services
- Full onsite parts and labour **extended warranty**
- Extensive **field service & support** network
- **24x7 helpdesks** with augmented reality*
- Material science **application testing**
- **Consumables management** services
- **Operator training** for safe & optimised sites

All with **complete cost predictability & flexible payment options**

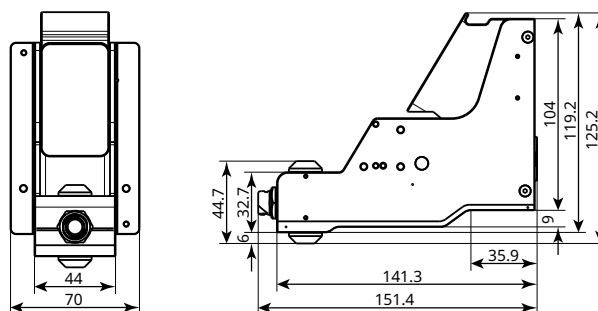
Technical specification

Gx-Series PRO	
Printhead dimensions excluding head plate**	Height 151.4mm, width 44mm, depth 125.2mm, weight 0.45kg
PRO Printhead Printer compatibility	Gx150i, Gx350i, GxOEM
Printhead cables	1.5, 3, 6, 12 or 25m
Printhead Connections	Universal printhead includes top, rear and front printhead cable connectors
Printheads per controller	Up to 4 printheads for increased message height or individual printing on up to 4 different print positions
Print height	1 printhead 23mm, 2 printheads 46mm, 3 printheads 69mm, 4 printheads 91.9mm
Print speed and horizontal resolution	PRO printhead up to 390m/min at 60dpi, up to 39m/min at 600dpi
Resolution	Up to 1200dpi
Throw distance	Up to 10mm for alphanumeric codes, 4mm for 2D Codes (Grade B)
Ink Types	A range of fast drying water and solvent based inks for porous and non-porous substrates
Food packaging compliant inks***	Inks suitable for non-direct food contact packaging (nDFC) which are manufactured in accordance with EuPIA GMP

* Subject to regional availability.

** PRO printhead depth is noted as the depth when the lid is closed. When open it is 138.5mm. The height also depends on which connector position is used – height noted here is the maximum, using the top connector.

*** 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.



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