



**CG208 | CG212** 2-inch

**CG408 | CG412** 4-inch



**Thermal Desktop Printer | CG Series**



**Performance. Convenience. Versatility.**



Anti-Microbial Casing



Top Cover Safety Latch



Easy Print Head Replacement



Drop-Load-Go Media Bin

### **Streamlined Features**

- 203 or 305 dpi Print Resolution
- 4 MB Flash Memory
- Thermal Transfer and Direct Thermal
- Anti-Microbial Casing (CG2 only)
- Multiple Codepage Support
- Competitive Emulation Options
- Easy Maintenance

### **Industry Verticals**

- Healthcare
- Retail
- Transportation & Logistics
- Manufacturing
- Office Administration
- Education & Libraries
- Hospitality
- Travel & Leisure

### **Industry Applications**

- Specimen Labeling
- Wristband Printing
- Shelf Labeling
- Product Labeling
- Office Mailings
- File Folder Labeling
- Layaway Marking
- Price Markdowns





# GENERAL SPECIFICATIONS

CG208 | CG212 | CG408 | CG412

PRINTER MODEL		CG208	CG212	CG408	CG412
<b>PRINT SPECIFICATIONS</b>					
<b>Printing Method</b>		Direct Thermal/Thermal Transfer (TT) or Direct Thermal only (DT)			
<b>Print Resolution</b>		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	203 dpi (8 dots/mm)	305 dpi (12 dots/mm)
<b>Printing Speed</b>		Maximum 4 ips (100mm/sec)			
<b>Max. Print Area</b>	<b>Width</b>	2.2" (56 mm)	2.2" (56 mm)	4.1" (104mm)	
	<b>Length</b>	23.6" (600 mm)	15.75" (400 mm)	11.8" (300 mm)	
<b>MEDIA SPECIFICATIONS</b>					
<b>Sensor Type</b>		I-Mark Sensor (Reflection type), Label Gap Sensor (Transmissive type)			
<b>Media Type</b>		Roll and Fanfold (Face-in, Face-out)			
<b>Media Size</b>	<b>Width</b>	0.47" to 2.36" (12 to 60 mm)		0.87" to 4.21" (22 to 107 mm)	
	<b>Length</b>	Continuous: 0.23" to 23.62" (6 to 600 mm) Tear-Off: 0.47" to 23.62" (12 to 600 mm)	Continuous: 0.23" to 15.75" (6 to 400 mm) Tear-Off: 0.47" to 15.75" (12 to 400 mm)	Continuous: 0.27" to 11.8" (7 to 300 mm) Tear-Off: 0.87" to 11.8" (22 to 300 mm)	
	<b>Thickness</b>	0.0024" to 0.0075" (0.06 to 0.19 mm)			
	<b>Roll Specs</b>	Maximum outer diameter 5.12" (130 mm) - inner diameter 1.57" (40 mm), Fan fold paper: Maximum height 3.94" (100 mm)			
<b>Ribbon (TT only)</b>		Width: 2.32" (59 mm), Maximum outer diameter: 1.50" (38 mm), Paper core: 0.5" (12.7 mm), Face-Out		Width: 4.33" (110 mm), Maximum outer diameter: 1.50" (38 mm), Paper core: 0.5" (12.7 mm), Face-Out	
<b>MEMORY</b>					
Flash ROM: 4 MB, RAM: 8 MB					
<b>FONT/SYMBOLOGIES</b>					
<b>Internal Fonts</b>		XU, XS, XM, XB, XL, OCR-A (15x22, 22x33), OCR-B (20x24, 30x36), CG Times, CG Triumvirate			
<b>Barcode Symbolologies</b>	<b>Linear</b>	UPC-A/UPC-E, JAN/EAN, CODE39, CODE93, CODE128, GS1-128(UCC/EAN128), CODABAR(NW-7), ITF, Industrial 2of5, Matrix 2of5, BOOKLAND, MSI, POSTNET, GS1 DataBar(RSS) barcode			
	<b>2-D</b>	QR code, MicroQR, PDF417, MicroPDF, MAXI code, GS1 DataMatrix (ECC200)			
	<b>Composite Symbols</b>	EAN-13 Composite, EAN-8 Composite, UPC-A Composite, UPC-E Composite, GS1 DataBar Composite, GS1 DataBar Truncated Composite, GS1 DataBar Stacked Composite, GS1 DataBar Stacked Omni-Directional Composite, GS1 DataBar Limited Composite, GS1 DataBar Expanded Composite, GS1 DataBar Expanded Stacked Composite, GS1-128 Composite			
<b>INTERFACE CHARACTERISTICS</b>					
<b>Interface Options</b>		USB + RS232C model, USB + LAN model			
<b>Command</b>		SBPL/SZPL		Optional: IEEE1284 + USB	
				Optional: SDPL or SEPL	
<b>OPERATING CHARACTERISTICS</b>					
<b>Power Requirements</b>		AC Adapter Input voltage: AC100V-240V±10%, Frequency: 50/60Hz, Output voltage: DC19V±5%, 3A		AC Adapter Input voltage: AC100V-240V±10%, Frequency: 50/60Hz, Output voltage: DC19V±5%, 3.68A	
<b>Environment</b>	<b>Operating</b>	0-35°C / 30-80% RH (without condensing)			
	<b>Storage</b>	-10-60°C / 15-85% RH (without condensing)			
<b>Regulatory Approvals</b>		FCC15B Class B, CE (EN55022, EN55024), GB9254-1998, GB17625.1(2003, CISPR22, CISPR24, KN22, KN24, RoHs compliant, Electrical Power Saving (International Energy Star Program, at usage of AC Adapter)			
<b>Dimensions</b>		5.04" (128 mm) W x 9.25" (235 mm) D x 6.81" (173 mm) H		7.04" (179 mm) W x 9.37" (238 mm) D x 6.81" (173 mm) H	
<b>Weight</b>		TT: 3.5 lbs (1.6kg), DT: 3.3 lbs (1.5kg)		TT: 4.2 lbs (1.9kg), DT: 3.75 lbs (1.7kg)	
<b>OTHER</b>					
<b>Optional Accessories</b>		Cutter, Dispenser, SATO Label Gallery™			
		RFID HF Kit (U.S. sales only)		Real Time Clock	
<b>Other Features</b>		Anti-Microbial Finishing — Resin of the enclosure/control panel include an antibacterial substance.			



**SATO AMERICA CORPORATION**  
 10350-A Nations Ford Rd  
 Charlotte, NC 28273  
 Phone: (704) 644-1650  
 Fax: (704) 644-1662  
 sales-sallc@sato-global.com

**LABEL MANUFACTURING, SERVICE & SALES**  
 UNITED STATES MEXICO CENTRAL AMERICA  
 CANADA CARIBBEAN

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