

TG3 Series Tag & Label Printers

Performance, Convenience & Versatility



Print, Cut and Stack Operation
(Stacker Optional)



Large Media Supply



Large, Easy to Read LCD Display



Optional Programmable Keypad
(Stand-Alone Operation)



Streamlined Features

- High Throughput, up to 10ips Print Speed
- Thick Tags Supported
- Print, Cut and Stack Media
- Batch Separation Function
- Coreless Ribbon Supported
- Multiple Communication Interfaces USB/LAN/WLAN

Industry Verticals

- Retail Point of Sale
- Home Improvement
- Travel & Leisure
- Postal Services
- Security
- Hospitality
- Outlet Sales

Industry Applications

- Shelf Labels
- Bag and Sack Tagging
- Jewelry Tagging
- Asset Tagging
- Apparel Tagging
- Security Tagging
- Durable Goods
- Price Ticketing
- Mark Down Ticketing

| MODEL | | TG308 | TG312 |
|----------------------------------|--------------------|--|---------------------|
| PRINTING SPECIFICATION | | | |
| Print Method | | Direct Thermal/Thermal Transfer | |
| Print Resolution | | 203dpi (8 dots/mm) | 305dpi (12 dots/mm) |
| Print Speed | | Max. 10 ips (250mm/sec) | |
| Max. Print Area | | 3.1" (80 mm) x 9.4" (240 mm) | |
| Memory | | 8 MB Flash ROM, 16 MB SDRAM | |
| MEDIA SPECIFICATION | | | |
| Sensor Type | | I-Mark Sensor (Reflection type), Label Gap Sensor (Transmissive type) | |
| Media Type | | Roll and Fanfold (Face-in, Face-out) | |
| Media Size | Label (Continuous) | Width: 0.9" to 3.1" (22 to 80 mm) Pitch: 0.6" to 9.3" (16 to 237 mm) | |
| | Label (Cutter) | Width: 0.9" to 3.1" (22 to 80 mm) Pitch: 0.9" to 9.3" (22 to 237 mm) | |
| | Tag (Continuous) | Width: 1.3" to 3.3" (32 to 83 mm) Pitch: 1.0" to 9.4" (25 to 240 mm) | |
| | Tag (Cutter) | Width: 1.3" to 3.3" (32 to 83 mm) Pitch: 1.0" to 9.4" (25 to 240 mm) | |
| | Thickness | Label: 0.006" to 0.01" (0.14 to 0.265 mm) Tag: 0.006" to 0.013" (0.157 to 0.33 mm) | |
| | Roll Specs | Max O.D.: 10" (250 mm) - I.D.: 3" (76.4 mm) and 4" (102 mm) | |
| Ribbon (TT only) | | Width: Max. 3.3" (84 mm), Max outer diameter: 1476' (450 m), Face-out/ Face-In | |
| FONT / SYMBOLOGIES | | | |
| Internal Fonts | | XU, XS, XM, XB, XL, OCR-A (15x22, 22x33), OCR-B (20x24, 30x36), CG Times, CG Triumvirate | |
| Barcode Symbologies | Linear | 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 | |
| | 2-D | QR code, MicroQR, PDF417, MicroPDF, MAXI code, GS1 DataMatrix (ECC200) | |
| | Composite Symbols | 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 | |
| INTERFACE CHARACTERISTICS | | | |
| Interfaces | | Plug-In Interface Card, RS232C for Keypad, EXT Port Interface Plug-In Interface Card Options: IEEE1284, RS232C, USB, LAN, Wireless LAN | |
| Command | | SBPL (Ver 4.2) SATO Barcode Printer Language | |
| OPERATING CHARACTERISTICS | | | |
| Power Requirements | | Input power voltage: AC 100V - 240V, +/-10% (Full range), 132W / 134VA (Print ratio 30%) In standby: 20W / 22VA | |
| Environment | Operating | 41 to 104 F (5° to 40°C), 30 to 80% RH, Non-condensing | |
| | Storage | 23 to 140 F (-5° to 60°C), 30 to 90% RH, Non-condensing | |
| Regulatory Approvals | | FCC ISB Class B, VL60950-1(2001), CSA222, FCC ISC | |
| Dimensions | | 11.18" (284 mm) W x 21.73" (552 mm) D x 11.81" (300 mm) H | |
| Weight | | 35.71 lbs. (16.2 kg) | |
| OTHER | | | |
| Optional Accessories | | Stacker, Rewinder, SATO Keypad, SOLO Keyboard, SATO Label Gallery™ | |

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