The New Standard In Healthcare Printing Solutions

WS2

A clinical-ready, compact, 2" printer designed for patient safety and compliance

KEY FEATURES AND BENEFITS

Easy Operation Permits More Patient-Focused Time

- Simple drop-in media loading
- Transparent media window allows users to easily monitor media reserves
- Tool-free maintenance
- Easy adjust sensor for compatibility with various media

Reduce Medical Missteps

- Direct thermal for HIPAA compliance
- Clinical-ready anti-microbial plastic casing
- Conducive for the use of disinfectant cleansers

Accurate Patient Information

- Cerner validated
- Easily integrates with existing HIS/EMR systems

Expediting Patient Workflows

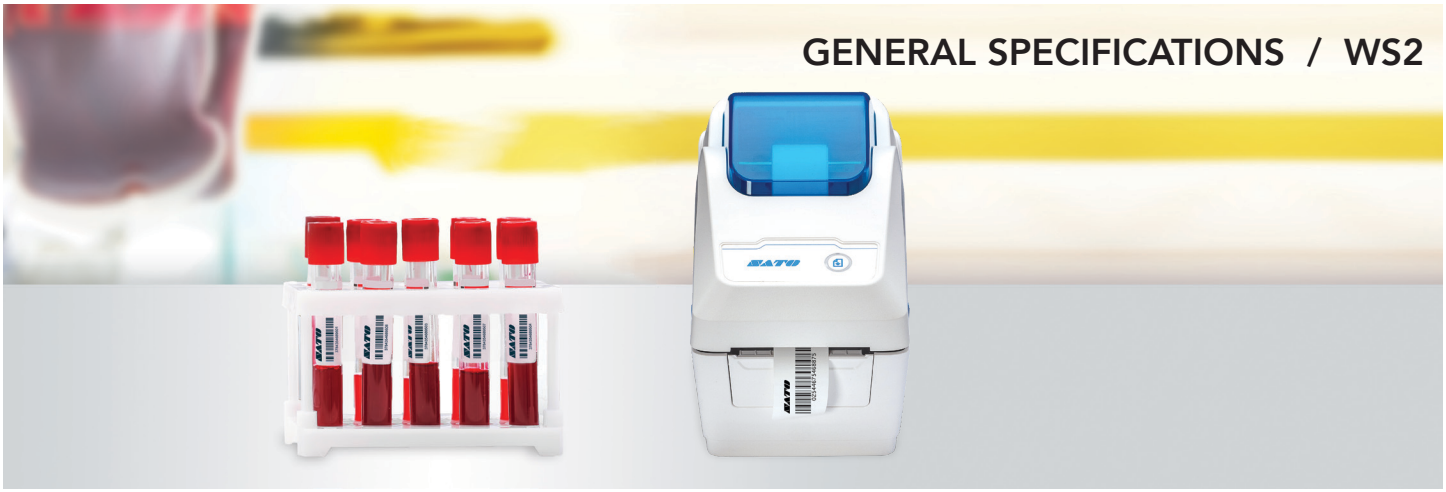
- Print on Demand:
  - SATO's SoftTouch wristbands
  - Laboratory specimen labels
  - In-patient chart labeling
- The ability to control and configure many printers within the user environment
- Standard on-board emulations for easier integration
- Up to forty-three percent faster print speeds than the market average

Patient Safety

SATO

www.satoamerica.com/WS2

GENERAL SPECIFICATIONS / WS2



PRINTER MODEL	WS208	WS212
Print Resolution	203 dpi (8 dots/mm)	300 dpi (12 dots/mm)
Print Speed	2, 3, 4, 5, 6, 7 inches/sec (50, 76, 101, 127, 152, 177 mm/sec) 2 & 3ips for peel off mode	2, 3, 4, 5 inches/sec (50, 76, 101, 127 mm/sec) 2 & 3ips for peel off mode

PRINT SPECIFICATIONS

Method
Direct Thermal

Mode
Standard: Continuous mode, Tear-off mode
Optional: Cutter mode, Peel Present mode

MEDIA SPECIFICATIONS

Sensor Type
Reflective Sensor (Movable), Transmissive sensor, Head Open Switch

Media Type
Roll

Print Area - Maximum Length
WS208 - 100" (2,540mm)
WS212 - 50" (1,270 mm)

Print Area - Minimum Length
0.39" (10mm) ;
Min. length:1.0" (25mm) for cutter/peeler options

Print Area - Width
0.47" (12 mm) to 2.36" (60 mm)

Alignment
Centered

Roll Diameter
5"(127mm) OD on a 1"/1.5" (25.4/38 mm) ID core
4.5"(115mm) OD on a 0.5" (12.7mm) ID core

Wind
Supports both wind in/wind out media

SATO Genuine Consumables
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.

MEMORY & PROCESSING

On-Board Memory
Standard Memory (Flash ROM): 128 MB
User Memory: 8 MB

Standard Memory (SDRAM): 128 MB
USB storage up to 32 GB (FAT32 format only)

CPU Type
32 bit RISC microprocessor

USER FRIENDLY SUPPORT TOOLS

LED Indicator
2 LEDs indicators Multicolor, Button x 1

Emulation
SZPL®, SEPL®, SDPL®
*Contact your SATO Sales Manager for more information/requirements

OPTIONS

Peel Present, Full Cutter, WLAN

FONT SPECIFICATIONS

Internal Fonts
Bitmap support fonts of SZPL®, SEPL®, SDPL®

SOFTWARE

Label Editing
Windows Driver (Windows Vista/ Win 7/ Win 8/ Win 10), BarTender® from Seagull Scientific, Nice Label

Utility
Network Printer Management Tool

COMMUNICATION INTERFACES SPECIFICATIONS

Standard
USB hosts (Type A) For Firmware Update, USB device (Type B), Fast Ethernet supporting: (IPv4/IPv6, WINS/Netbios)

Optional Wireless
Bluetooth 4.2 , WLAN (IEEE802.11 b/g/n)

BARCODE SYMBOLOGIES

Barcodes

Linear
Code 39, Code 93, Code 128 (ISBT128), CODABAR (NW-7), EAN8/13, GS1 DataBar™, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN8/13, Matrix 2/5, MSI, POSTNET™, UPC-A/E

2D Symbologies
PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Data Matrix (ECC200), QR Code, Composite Symbologies, Aztec

OPERATING & ENVIRONMENT CHARACTERISTICS

Electrical Requirements
Voltage: AC 100 V ~ 240 V ± 10 % (full range)
Frequency: 50 Hz - 60 Hz ± 5 %

Standards & Agency Approvals
FCC, cTUVus, CB, CE Marking, Wireless IEEE

Environment

Operating
41°F to 104°F (5 °C to 40 °C)
25 %RH ~ 85 %RH (Without Condensation)

Storage
-4°F to 140°F (-20 °C to 60 °C)
10 %RH ~ 90 %RH (Without Condensation)

PHYSICAL CHARACTERISTICS

Weight
2.2 lbs. (1 kgs)

Dimensions
W 4.56" (116 mm)
H 6.69" (170 mm)
D 8.46" (215 mm)

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Patient Safety
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