

# The New Standard In Health Printing



## 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

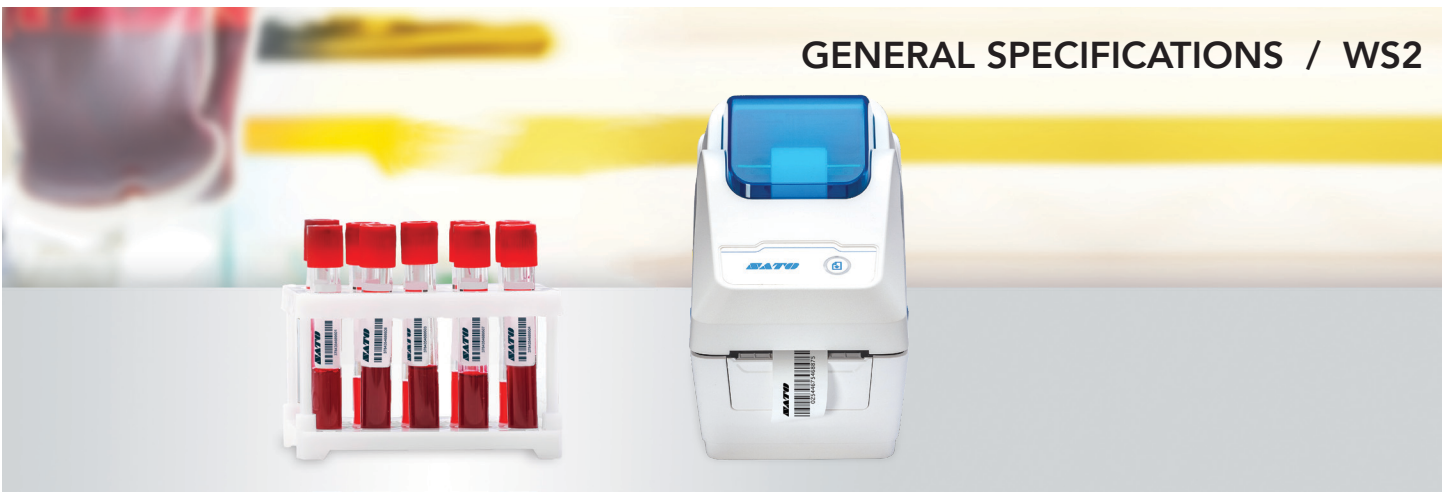
- Cerner validated
- Easily integrates with existing HIS/EMR systems

#### 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



# GENERAL SPECIFICATIONS / WS2



| PRINTER MODEL           | WS208  | WS212  |
|-------------------------|--|--|
| <b>Print Resolution</b> | 203 dpi (8 dots/mm)  | 300 dpi (12 dots/mm)   |
| <b>Print Speed</b>      | 2, 3, 4, 5, 6, 7 inches/sec<br>(50, 76, 101, 127, 152, 177 mm/sec)<br>2 & 3ips for peel off mode | 2, 3, 4, 5 inches/sec<br>(50, 76, 101, 127 mm/sec)<br>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): 16 MB  
User Memory: 8 MB  
Standard Memory (SDRAM): 32 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)

**SATO AMERICA CORPORATE**  
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



Patient Safety

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