

# Flexible intelligence at your fingertips.



## FX3-LX

An intuitive all-in-one label printer that seamlessly adapts to your business



Retail - Food Service - Manufacturing & Logistics

### FEATURES

- The 7" full color, smart touchscreen interface makes operation simple and intuitive, eliminating the need for extensive training and external control devices
- The battery operation option allows for hours of mobile use, creating the flexibility to use throughout the user environment
- AEP Works' saves users time and money by facilitating the rapid development of custom applications
- Wireless connectivity, together with AEP (Application Enabled Printing) software allows freedom of mobility to work where needed
- The robust all-in-one design features wall mounting capabilities and a center-positioned handle, creating maximum adaptability and user manageability
- Easily connects to scanners, scales, keyboards and other devices to increase data entry accuracy



Made for iPhone | iPad | iPod



red dot award 2017 winner



[www.satoamerica.com/FX3](http://www.satoamerica.com/FX3)

# GENERAL SPECIFICATIONS / FX3-LX

## PRINT SPECIFICATIONS

### Method

Direct Thermal

### Mode

Continuous, Tear-off, Cutter, Partial Cutter, Dispenser, Linerless Tear-off, Linerless Cutter

### Print Resolution

305 dpi (12 dots/mm)

### Print Speed

AC adapter operation: 152mm/sec (6 ips)  
Battery operation: 101mm/sec (4 ips)

### Max. Print Area

Width: 3.15" (80 mm)  
Length: 19.69" (500 mm)

## MEDIA SPECIFICATIONS

### Sensor Type

Gap (Transmissive) and I-Mark (Reflective)

### Media Type

Roll (Continuous, Die-cut, linerless), Fan-fold

### Media Size

#### Continuous

**Width:** 1.10" (28 mm) ~ 3.35" (85 mm)

**Length:** 0.75" (19 mm) ~ 19.80" (503 mm)

#### Tear-Off

**Width:** 1.10" (28 mm) ~ 3.35" (85 mm)

**Length:** 0.75" (19 mm) ~ 19.80" (503 mm)

#### Cutter

**Width:** 1.10" (28 mm) ~ 3.35" (85 mm)

**Length:** 0.75" (19 mm) ~ 19.80" (503 mm)

#### Dispenser

**Width:** 1.10" (28 mm) ~ 3.35" (85 mm)

**Length:** 0.75" (19 mm) ~ 19.80" (503 mm)

#### Linerless

**Width:** 1.26" (32 mm) ~ 3.23" (82 mm)

**Length:** 0.79" (20 mm) ~ 19.69" (500 mm)

#### Linerless Cutter

**Width:** 1.26" (32 mm) ~ 3.23" (82 mm)

**Length:** 1.77" (45 mm) ~ 19.69" (500 mm)

### Media Thickness

0.0055" - 0.0075" (0.14 - 0.19 mm)

### Roll Diameter

4.13" (105 mm) on 1" (25 mm) ID Core  
3.54" (90 mm) on 1.5" (40 mm) ID Core

### Wind Direction

Face-in/ Face-out, No setting change required.

### SATO Genuine Consumables

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

Note: U.S. Patents pending for thermal head and head connection/disconnection mechanism

## WARRANTY

1 Year

## COMMUNICATION INTERFACES SPECIFICATIONS

### Standard

USB 2.0 (Type A) x 3, USB 2.0 (Type B), NFC

### USB + LAN Model

USB 2.0 (Type A) x 3, USB 2.0 (Type B), Ethernet (IPv4/v6), NFC, LAN 10/100/1000

### Optional Wireless LAN/Bluetooth® Kit

WiFi®: WiFi Certified™ A/B/G/N/AC, WiFi Direct®, Dual Band, (2.4GHz/ 5GHz) Bluetooth: version 4.1, MFi certified

## MEMORY & PROCESSING

### Printer Memory

4GB Flash, 1GB RAM

### Processor

1GHz ARM Cortex-A9

## USER FRIENDLY SUPPORT TOOLS

### Large Status LED

Blue/Red

### Multi National Language Support

47 Languages and Scalable Print Fonts  
31 Languages for LCD Menu

### Operation and Customer Videos

14 preset videos including media loading, parts replacement, option installation, cleaning etc. Optional 1 GB space available for storing and playing customer videos with sound. (onboard speaker)

### Display Panel

7" TFT Full Color touch screen LCD (480 x 800)

### Remote Maintenance

SNMP Ver. 3, HTTPs

### Emulation

Auto Detect, SBPL®, SZPL®, SDPL®, SIPL®, STCL®, SEPL®

### Peripheral Devices

Connect peripheral devices like scanner, keypad and keyboard directly to the printer for data input.

### Device Management

SOS (SATO Online Services)

## FONT SPECIFICATIONS

### Internal Fonts

#### Standard Bitmap & Scalable Fonts

10 Bitmap SATO Fonts, 4 POP fonts, 39

Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

## ACCESSORIES

### Optional

Cutter, Partial Cutter, Linerless Kit, WLAN / Bluetooth Kit, Battery Mount Kit, Lithium ion Battery Kit, Battery Charger, Cradle Kit, Wall Mount Kit

## BARCODE SYBLOGIES

### Barcodes

#### Linear

Code 39, Code 93, Code 128, CODABAR (NW7), EAN 8/13, GS-1 Databar™, GS-1 128 (UCC/ EAN 128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MSI, Bookland, Postnet™, UPC-A/E, Customer Barcode, Postnet, USPS code

#### 2D Sybologies

Aztec, PDF 417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Sybologies

## OPERATING & ENVIRONMENT CHARACTERISTICS

### Electrical Requirements

Universal Auto-ranging Power Supply, 100-240 VAC +/-10%, 50/60 Hz

### Standards & Agency Approvals

FCC PART 15 SUBPARTS B/C/E, MET/cMET, JISZ 2801, CE Marking, IEC60950-1, EN60950-1, EN55022, EN55032, EN55024, EN61000-3-2/3-3, EN 301 489-1/-3/-17, EN 300 330-2/-1, RE, CCC, SRRC, IDA, SIRIM, NTC, SDPPI, RCM

### Environment

#### Operating

**Label:** 32 to 104°F (0 to 40 °C), 30-80 % RH (Without Condensation)

**Label (Dispenser):** 32 to 95°F (0 to 35 °C), 30-75 % RH (Without Condensation)

**Linerless:** 41 to 95°F (5 to 35 °C), 30-75 % RH (Without Condensation)

#### Storage

41 to 140°F (5 to 60 °C), 30-90 % RH (Without Condensation)

#### Battery (Optional)

14.4V (1950 mAh) Lithium-ion Smart Battery  
\*Needs battery mount kit

## PHYSICAL CHARACTERISTICS

### Dimensions (Standard Model)

Width: 5.19" (132 mm)

Depth: 8.85" (225 mm)

Height: 6.33" (161 mm)

### Dimensions (With Battery Mount Kit)

Width: 5.19" (132 mm)

Depth: 8.85" (225 mm)

Height: 7.08" (180 mm)

### Weight

Standard Model: 5.5 lbs. (2.5kg)

With Battery Mount Kit: 6.6 lbs. (3.0 kg)

### Durability

Drip/Dust Proof IPX2, IK06 and Antimicrobial Plastic Housing

## SATO AMERICA CORPORATE

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## LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA  
CANADA CARIBBEAN



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