

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

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

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LABEL MANUFACTURING, SERVICE & SALES

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CANADA CARIBBEAN



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