FXW FXC

LITHIUM POWERED
WEIGHING / COUNTING SCALE

Patented Power-Saving Technology
for Extended Usage Time, Enhanced Stability, and Reliability

Ergonomic Exterior Design	90-Degree Down Power Socket	Prevent Cockroaches	Water-Resistant	Power-Saving	18650 Lithium Battery	Fast Charging

FXW

FXC

ARM-Based 32-Bit MCU with Integrated Precision 24-Bit ADC

This highly efficient MCU, optimized for low-power applications, integrates multiple communication interfaces and a precision 24-bit ADC with an onboard amplifier and modulator. Specifically designed for weigh scales, it ensures accurate, reliable measurements and responsive performance.

Superior Electromagnetic and Electrostatic Interference Resistance

Engineered with robust protection against electromagnetic and electrostatic disturbances, ensuring consistent and stable performance.

Advanced Smart Power Management System (Patented)

Dynamically adjusts power consumption based on user habits, enhancing energy efficiency while maintaining a smooth and uninterrupted user experience.

Specially Designed Power Circuit

Features overcharge, over-discharge, and auto shut-off protection mechanisms, improving battery longevity and ensuring overall system reliability.

Standard 18650 Lithium-Ion Battery

Utilizes high-cycle 18650 lithium-ion batteries from world-renowned manufacturers, offering extended lifespan, enhanced reliability, and peace of mind for users.

Adjustable LCD Backlight

Four selectable brightness levels for optimal visibility under various lighting conditions.

Ergonomic Exterior Design

The exterior body design fully considers ergonomic principles, featuring a streamlined shape and side grooved handles for easier and more effortless carrying and operation.

90-Degree Down Power Socket

Designed with the socket facing downward, preventing liquids from dripping directly into the socket, which enhances safety and reliability by reducing the risk of electrical shorts or damage caused by liquid ingress.

Insect and Cockroach-Resistant Design

Blocks insects using gaskets, protecting scales in environments prone to pests in food facilities.

Water-Resistant Design

Through drainage grooves, sloped surfaces, and water-repellent walls, prevents liquid entering and thus protecting internal components in wet environments.

FXW: Comprehensive Weighing Functions

Includes weight accumulation, pre-tare, hold function, and checkweighing for high/low/OK limits with beeper warning.

FXW: Advanced Counting Features

Simple counting, auto average unit weight calculation, and check pieces with beeper warning.

FXC: Enhanced Counting and Weighing Functions

Offers 10 preset unit weights, auto average unit weight calculation, pre-tare, hold function, and over-limit warning. Also supports weight or quantity accumulation.

SPECIFICATION

Capacity	1.5 / 3 / 7.5 / 15 / 30 kg
Division	0.1 / 0.2 / 0.5 / 1 / 2 g
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Power Source	AC 100V~240V (±10%) adapter DC 18650 3.7V Lithium Ion battery
Dimensions	300 × 110 × 330 mm (W × H × D)
Platter Size	300 × 225 mm (W x D)
Display	**FXW:** LCD 6 digits; Height 28mm; LED Backlight **FXC :** LCD 6/6/6 digits; Height 18mm; LED Backlight

ONE OF OPTIONS

- RS232 : Bi-directional transmission, easy data reading or printing.
- WIFI card
- Relay card (3 output) only FXW