



# KXW KXC

## LITHIUM POWERED WEIGHING / COUNTING INDICATOR

Powering the Future:  
The Next Generation of Smart Scales

Greener Power, Stronger Future



KXW



KXC

## FEATURES

### ARM-Based 32-Bit MCU

Integrated with multiple communication interfaces, this MCU is optimized for low-power applications, ensuring efficient and responsive performance.

### Precision 24-Bit ADC

Equipped with an onboard amplifier and modulator, this high-precision ADC is specifically designed for weigh scales, delivering accurate and reliable measurements.

### 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.

### 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.

### Specially Designed Power Circuit

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

### Ergonomic Keypad Placement

Thoughtfully positioned for ambidextrous use, allowing both left- and right-handed users to operate the scale comfortably.

### Adjustable LCD Backlight

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

### KXW: Comprehensive Weighing Functions

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

### KXW: Advanced Counting Features

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

### KXC: 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

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Power	AC 100V~240V (±10%) adapter DC 18650 3.7V Lithium Ion battery
Dimensions	245 x 195 x 156mm (W x H x D)
Display	<b>KXW:</b> LCD 6 Digits, 28mm height, LED backlight <b>KXC :</b> LCD 6/6/6 Digits, 14mm height, LED backlight

## ONE OF OPTIONS

- RS232 card
- WIFI card
- Relay card ( 3 output ) only KXW
- RS485 card
- Bluetooth card

