

**FM18** rewrites the requirements of being a powerful indicator. It contains nearly all the features and functions that static and simple dynamic industrial weighing applications need. Equipped with a 24-bit Low-Noise  $\Delta$ - $\Sigma$  Analog-to-Digital Converter, special linearity compensation method plus all other state-of-the-art technologies applied. These enable **FM18** to provide fast, stable, and almost error-free weighing results anytime when needed. True 6-wire load cell compensation system, easy drive up to 8 x 350  $\Omega$ , runs at 1.6 million internal counts plus all the built-in functions, these are the foundation that makes **FM18** good for nearly all static and mid to low-speed dynamic weighing applications.

### **FUNCTIONS:**

- Weighing
- Check weighing Function
- Piece Count Mode with Check Function
- Percentage Mode with Check Function
- Animal Weighing
- User Programmable Check Functions Buzzer Output
- Memory Accumulation
- Pre-set Tare
- Independent and User Programmable Print Format for Weighing, Piece Count, Percentage Mode
- Independent and User Programmable Data Format for Check weighing, Piece Checking, Percentage Checking
- Built-in Inflow and Outflow Control Logic
- Built-in Near Zero Logic for Dynamic Weighing Applications
- Support Ticket and Label Printing
- Support Q&A with other Peripherals
- Support Direct Control by External Peripheral

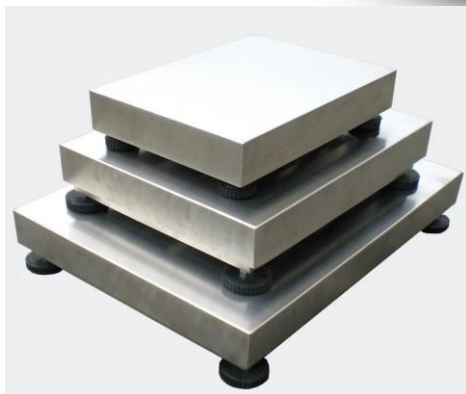
### **K Series Scale:**

#### **Key Features:**

- #304 Stainless Steel Construction, Platter and Pillar (Optional)
- Equipped with OIML C3 Approved 17-4PH Stainless Steel Load Cell Complete
- Sealed Design, to Prevent Liquid Penetrate into Platform Structure Rugged
- Structure for Harsh and Rugged Environment
- Overload Protection Devices to Withstand Shock and Overloads
- Safe Overload = 150% plus
- Ultimate Overload = 200% plus Adjustable Feet and Bubble Level Included

### **KEY FEATURES:**

- 24 bit Low-Noise Delta to Sigma to Delta ( $\Delta$ - $\Sigma$ ) Analog-to-Digital Converter
- Support Single or Dual Weighing Range Mode
- Free Capacity and Division Setting
- kg & lb Conversion (Single Weighing Range Mode only)
- True 6-wire (with Remote Sense) Load Cell Compensation System
- Power up to 8 x 350 $\Omega$  Load Cells or 16 x 700 $\Omega$  Load Cells
- Supports 4-wire and 6-wire Load Cell Connections Real Time Clock
- Linearity Compensation ON or OFF
- Independent Zero Calibration.
- Auto or User Programmable Odd Weight Calibration
- Calibration and Metrological Control / Access by Hardware or Software
- Non-Resettable Trailer Count to Record Calibration and Metrology Parameters Changes.
- Gravity Compensation via Key Board
- 6 x 1-inch Wide Angle LCD Numeric Digits
- Capacity Tracking Bar to Show Applied & Remaining Weighing Capacity
- Battery Protection Features and Circuits Equipped with RS232, TTL Relay Output, Wireless Communication Interfaces/TTL RS232
- Backlight, Rechargeable Battery, Power Adaptor and Pillar ( $\varnothing$ 35~38mm) Mount Holder Included



### Specifications:

Model No.	Capacity (kg)	Readability (kg)	Platform Dimension (mm)
FM18-30K	30	5g	420 x 520mm
FM18-60K	60	10g	
FM18-150K	150	20g	
FM18-300K	300	50g	
FM18-30K	30	5g	500 x 600mm 600 x 600mm
FM18-60K	60	10g	
FM18-150K	150	20g	
FM18-300K	300	50g	
FM18-60K	60	5g	600 x 800mm 500 x 700mm 900 x 900mm
FM18-150K	150	10g	
FM18-300K	300	20g	
FM18-500K	500	50g	
Operating Environment	0~40°C (32~104°F) Non Condensing R.H. ≤85%		

### OPTIONS:

- RELAY-4, 4-Channels Relay Module
- WM Wireless Communication Module
- Stainless Steel Wall/Desk Mount Holder
- SP-POS58EZ Thermal Printer
- RD-DOT Dot Matrix Remote Display
- LP-50 Label Printer



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