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 Δ-Σ 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 Ω, 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

User Selectable Parameters:

- 6 x Auto Power Off Time
- 4 x Filter Intensity Mode
- 3 x Backlight Mode
- 2 x Selectable Auto Tare Function
- 4 x RS232 Data Output Baud Rate
- 4 x Output Mode   3 x Data Format

- 3 x M+ Mode   3 x Data Output Mode
- 4 x Data Transmission Time Interval
- 8 x Number of Print Copy
- 6 x Output Band Rate
- 7 x Initial Zero Range
- 7 x Manual Zero Range
- 6 x Auto Zero Tracking Range
- Bi-Directional Communication Through RS232 or TTL Interface

KEY FEATURES:

- 24 bit Low-Noise Delta to Sigma to Delta (Δ-Σ) 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 350Ω Load Cells or 16 x 700Ω 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 (ψ35~38mm) Mount Holder Included