



FM180, OIML 10,000e approved weighing indicator specially designed for static weighing and simple counting tasks. The 7 function keys provide easy, fast, direct and straight forward operation.

Supported by the built-in state-of-the-art technologies and knowledge, **FM180** delivers unexceptional fast, stable and error-free weighing results at all time.



Approved Functions

- Weighing and Simple Counting
- Single and Dual Weighing Range
- Memory Accumulation
- Pre-set Tare
- Gross/Net Indicator
- Weighing Range Indicator
- Memory Indicator
- Standard and User Programmable Print Format
- Ticket and Label Printing

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
- Real Time Clock
- Linearity Compensation ON or OFF
- Independent Zero Calibration

User Selectable Parameters

- 6 x Auto Power Off Time
- 4 x Filter Intensity Mode
- 3 x Backlight Mode
- 3 x RS232 Data Output Baud Rate
- 3 x Data Format
- 3 x M+ Mode
- 3 x Data Output Mode
- 4 x Data Transmission Time Interval
- 7 x Initial Zero Range
- 7 x Manual Zero Range

- User selectable dot or comma for decimal point
- 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 28mm Wide Angle LCD Numeric Digits
- 1 x RS232 Output Port, Rechargeable Battery, Backlight, Pillar Mount Holder (\varnothing 35~38mm) and Universal Power Adaptor Included

Versatility, Functionality and Accuracy are always Built-in

FM180 Digital Weighing Indicator

Specifications

OIML Approval Characteristics	<ul style="list-style-type: none"> Approval Class & Accuracy: - Class III 10,000e Minimum Input Voltage / e = 0.75μV
Capacity and Readability	Free Setting
Weighing Range	Single Range / Dual Range
Weight Units	kg, g, lb
Display	6 x 28mm Wide Angle LCD Numeric Digits with Capacity Tracking Bar
Load Cell Connection	<ul style="list-style-type: none"> Excitation Voltage = 5V DC Support both 4-wire & 6-wire Load Cells Maximum Load Cell Connection: - Approved = 4 x 350Ω or 8 x 700Ω Load Cells Non-Approved = 12 x 350Ω or 24 x 700Ω Load Cells
A/D Converter & Internal Resolution	<ul style="list-style-type: none"> 24 bit Low-Noise Delta to Sigma (Δ-Σ) 1,600,000 Counts at 15 mV Minimum input per d = 0.05μV
Max. Tare Range	-Max for Single Weighing Interval or -Max ₁ (Subtractive Tare)
Power Source	<ul style="list-style-type: none"> Built-in Rechargeable Battery = 6V, 4AH External Power Adaptor = DC 12V, 1A
Accessories	Pillar Mount Holder (\varnothing 35~38mm), Built-in Rechargeable Battery, Universal Power Adaptor, Dust Cover
Packing	<p>Individually Packed</p> <ul style="list-style-type: none"> Dimensions = 36 x 32 x 16cm. Net / Gross = 2.35 / 2.85kg <p>6 Units in Shipping Carton</p> <ul style="list-style-type: none"> Dimensions = 102 x 35 x 35cm. Net / Gross = 17.0/ 18.5kg
Operation Environment	-10 ~ 40°C. Non-condensed. R.H. \leq 85%

In the interest of improvement, specifications may change prior to notice

Options

- WM-EP 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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