



19i is one of the most powerful and accurate weighing indicators in its price range for industrial applications.

19i is designed and programmed to provide fast, easy, and straightforward operation for an exceptionally wide range of applications, such as general static and dynamic industrial weighing, piece counting, shipping control, truck and tank weighing, pre-packing, manual sorting and packing, filling and dispensing, and scientific and peak measuring and monitoring, whether used as a standalone unit or incorporated into an integrated weighing system.



Thanks to the built-in high speed micro-processor, unsurpassed innovative program, new linearity compensation method, wide range of flexible, selectable operation parameters and selectable AD conversion speed, **19i** always deliver unexceptional fast, accurate and stable results from low to high resolution, simple to complicated applications even at extremely heavy workload.

Reliability and durability are ensured by carefully selected components from renowned manufacturers, together with well-designed and well-planned circuitry.

19i always delivers more than expected and is the preferred choice wherever performance, reliability, durability, and flexibility cannot be compromised.



Adjustable Tri-Color Check Result Backlight

Connectivity

- 2 x configurable bi-directional serial comports
- Maximum baud rate: 256,000
- 9 x selectable fixed plus one user-programmable PC output protocols
- Support for barcode scanners for customer and product code entry
- Optional built-in 4-channel control relay board

Versatility, Functionality and Accuracy are always Built-in

19i Multi-Function Indicator

Functions

- Static, Dynamic, Animal Weighing, Piece Counting, and Peak Hold
- Support for Single-Range, Dual-Range, and Dual-Interval Operation
- Support for Both Tension and Compression Load and Force Direction
- Near-Zero Weight Value for Dynamic Weighing to Avoid False Signal Output
- Built-In Logic for Constant Fill and Dispensing and Inflow and Outflow Control
- Add-Tare-Memory (ATM) and Remove-Tare-Memory (RTM) Function
- Manual, Preset, Auto, Repetitive, and Continuous Tare Operation
- Continuous Tare with Configurable Delay Time before Tare Action
- Weight and Quantity Check Mode
- Quick-Access PLUs for Weight Limits, Quantity Limits, and Preset Tare Values
- Direct PLUs for Customer and Product Codes
- Check Result Control for Accumulation, Data Printout, and Data Output
- Keypad Lock Function

Operation and Management Features

- Full Numeric Keypad
- Configurable Machine ID, Machine Group, and Operator Number to Enhance Ease of Multi-Scale Applications and Management Records
- Customer and Product Code Input through Serial Scanner or Keypad
- Customer and Product Codes Support Numeric, Alphabetic, and Symbol Characters
- Support for External [Zero], [Tare], and [Print/M+] Key Input through Scanner
- Tri-Color Check Result Indication
- Configurable Keypad, Check, and System Buzzer
- Two Independently Configurable Bi-Directional Serial Comports, with Selectable TTL Output for Comport 1
- Support for Inquiry, Setting, and Execution Commands through PC
- All Current Operation Results Output in Database Format to Increase Ease and Efficiency of Data Management, Processing, and Analysis
- Support for All Epson-Compatible Ticket and Dot Matrix Printers
- Label Printers Supported:
 - Datscom: LP-50
 - TSC: TDP-225, TDP-247, TDP-345, TTP-225, TTP-247, TTP-345
 - Sbarco: all models with serial port
- Selectable Portrait or Landscape Ticket Printout Forma
- 6 × 45 mm Large, Bold, Wide-Angle LCD Numeric Digits
- Zero, Gross, Net, Weighing Range, Memory, Battery Level, and Recharge Indicators
- Watchdog System to Prevent Damage Caused by Load Cell Short-Circuit
- Smart Charging Circuits
- Real-Time Clock

Options

- Stainless Steel Wall/Desk Mount Holder
- SP-POS58IV & SP-POS88IV Thermal Ticket Printer
- Serial Bar Code Scanner
- RD-DOT Dot Matrix Remote Display
- Built-in 4-Channel Control Relay Board (Factory Installation)



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19i Multi-Function Indicator

Specifications

Capacity and Readability	<ul style="list-style-type: none">• Free Setting
Weighing Range	Single Range, Dual Range, Dual Interval
Weight Units	kg, g, lb
Display	6 x 45mm Huge Size Bold Type Wide Angle LCD Numeric Digits
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: 10 x 350Ω
A/D Converter & Internal Resolution	<ul style="list-style-type: none">• 24 bit Low-Noise Delta to Sigma (Δ-Σ)• 4,000,000 Counts at 20 mV• Minimum input per d = 0.05μV
AD Conversion Speed	15, 30, 60, 120 times/second Selectable
Max. Tare Range	-Max for Single Weighing Interval or -Max ₁ (Subtractive Tare)
Calibration Methods	<ul style="list-style-type: none">• 2 Span Points Calibration (Linearity Calibration), or• 1 Span Point Calibration, or• Numeric Calibration Through Keyboard
Power Source	<ul style="list-style-type: none">• Built-in Rechargeable Battery = 6V, 4AH• External Power Adaptor = DC 12V, 1A
Accessories	Pillar Mount Holder (φ35~38mm), Built-in Rechargeable Battery, Universal Power Adaptor, Dust Cover
Packing	<ul style="list-style-type: none">• Individually Packed. 36 x 33 x 16cm. Net/Gross = 2.50/2.90kg• Four Units in a Shipping Carton. 68 x 38 x 36cm. Net/Gross = 10.00/13.50kg
Operation Environment	-10 ~ 40°C. Non-condensed. R.H. ≤ 85%

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



Fidelity Measurement Company Limited

 www.fm.com.tw

 info@fm.com.tw

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