



The **G₃** Series sets a new benchmark for high-speed, high-performance weighing instruments in its price category. It is built to meet the rigorous demands of various applications.

The **G₃** Series complies with the latest international standards for metrology and enhanced electromagnetic compatibility (EMC), delivering accurate and stable results even in environments with strong electromagnetic interference.



Whether used for basic weighing or integrated into advanced weighing systems, the **G₃** Series ensures quick, accurate, and intuitive operation. It streamlines workflows and reduces operator fatigue across a wide range of applications, including:

- Static and dynamic weighing
- Piece counting
- Shipping and logistics control
- Pre-packing operations
- Production and quality control
- Scientific and industrial measurement tasks

Key Features

- Arm Cortex-M23 32-bit microcontroller
- Low-noise 24-bit Delta Sigma A/D converter
- Alibi memory capable of storing 131,072 transaction records
- Real-time clock
- Robust EMC protection for harsh environments
- Customizable operation parameters via advanced algorithms
- Tri-color backlight display for clear visibility in all lighting conditions
- Overload and shock protection to safeguard the load cell

Higher Efficiency & Fewer Human Errors

- Supports 100 production settings PLUs for each weight unit (kg, g, lb)
- Operation parameters stored in PLUs and databases, accessible via keyboard, barcode scanner, or PC, with execution in milliseconds
- Barcode scanning for fast and error-free entry of customer and product codes
- Check limit validation ensures accurate results and processes



Adjustable Tri-Color Check Result Backlight

Versatility, Functionality, and Accuracy are all Built-In

G3 Multi-Function Weighing Scales Series

Comprehensive Functional Capabilities

The **G3** Series comes equipped with a rich set of functions, enabling it to adapt to various use cases without requiring additional hardware:

- Static weighing & medium-to-low-speed dynamic weighing
- Animal weighing & piece counting
- Auto tare accumulation & check weighing (by weight or quantity)
- Manual, preset, auto, repetitive, and continuous tare functions
- Data accumulation with sequence tracking
- Alibi memory for transaction records
- Expiry date entry and calculation
- Multi-unit support: kg, g, lb
- Anti-vibration filtering & buzzer settings
- Keyboard lock & near-zero setting
- Operator ID, customer, and product code entry
- Management reports via configurable ports

Data & Data Security

- Configurable machine ID and group number
- Each individual transaction record includes 24 results/settings
- Supports local and remote data retrieval capabilities
- Comprehensive reports for analysis by employee, customer, product, or location
- Standard deviation calculation
- Non-resettable real-time Alibi memory ensures secure data storage

Output Formats

- Landscape print formats: 2 standard + 1 customized
- Portrait print formats: 3 standard + 1 customized
- PC output formats: 10 standard + 1 customized (continuous or configurable interval)

PC Command Support

- Parameter setting
- Result reading
- System, operation, and management report execution

Connectivity

- Equipped with 2 × configurable bi-directional serial ports (up to 256000 baud rate)
- Supports barcode scanner input for customer, product, or operator codes; can simulate manual zero, tare, and print functions
- Optional modules: Bluetooth and Wi-Fi for modern workflow integration
- Optional built-in 4-channel control relay board
- Compatible with computers, ticket/label printers, barcode/RFID readers, remote displays, ERP systems, and smart devices

Supported Label Printers

- Datecs: LP-50
- TSC: TDP-225, TDP-247, TDP-345, TTP-225, TTP-247, TTP-345
- Sbarco: All models with a serial port

Built to Perform & Engineered to Last

The **G3** Series represents decades of experience in weighing technology, merging cutting-edge electronics, durable construction, and intelligent design. It is the ultimate solution for users who demand performance, reliability, and flexibility without compromise.

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Specifications

Model	Capacity (Max)	Readability (d)	n_{max}
G3-1500B	1500g	0.1g	15,000
G3-3000B	3000g	0.2g	15,000
G3-7500B	7500g	0.5g	15,000
G3-15KB	15kg	1g	15,000
G3-3000L	3000g	0.1g	30,000
G3-6000L	6000g	0.2g	30,000
G3-15KL	15kg	0.5g	30,000
G3-6000M	6000g	0.1g	60,000
G3-15KX	15kg	0.1g	150,000
Platter	210 x 250mm ABS platter with stainless steel insert		
Weight Units	kg / g / lb		
Digits & Indications	<ul style="list-style-type: none"> 6 x 31mm HTN bold type wide angle LCD numeric digits Indicators for: gross, net, stable, zero, weight unit, weighing range, pre-tare, battery level, production settings, memory 		
Max. Tare Range	-Max (Subtractive Tare)		
Power Source	<ul style="list-style-type: none"> Built-in rechargeable battery = 6V, 4AH External power adaptor = DC 12V, 1A 		
Included Accessories	Built-in rechargeable battery, power adaptor, dust cover		
Packing	<ul style="list-style-type: none"> Individually Packed. 32 x 30 x 18cm. Net/Gross = 3.00/3.40kg Four Units in a Shipping Carton. 62 x 34 x 40cm. Net/Gross = 10.00/14.00kg 		
Operation Environment	<ul style="list-style-type: none"> Version B: -10 ~ 40°C Version L: 0 ~ 40°C Version X: 10 ~ 35°C Non-condensed. R.H. ≤ 85% 		

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

Options

- SUS304 stainless steel platter cover
- Secondary rear display
- SP-POS58IV & SP-POS88IV thermal ticket printers
- LP-50, TDP-225, TTP-225, TTP-247, TTP-345 label printers
- Bluetooth/serial barcode scanner
- Built-in 4-channel control relay board (factory installed)
- Bluetooth 4.0 BLE module
- Bluetooth 2.0 module

