



Fidelity
Measurement

Energy Genius General Weighing Scales



G1 Series



G1 is the perfect answer to simple weighing applications where power is not available or difficult to access. It delivers 4000 hours plus operation with just 3 x D size batteries. Built-in Eco Mode gives even longer operation time.

4-key operation provides simple and efficient control of the scale. Still, operation flexibility is reserved by means the new programming concepts applied making this 4-key weighing scale a flexible and easy to use weighing equipment for many applications and requirements.



First class material made enclosure not only to protect the circuits and components inside but also ensuring durability and reliability of the scale. Strong structural design plus protection devices are built to withstand overloads and shocks.

User Selectable Parameters

- System Initialization
- 6 x Auto Power Off Time: - Off ~ 20 minutes
- 3 x Backlight Mode: - On, Off, Auto
- Weight Units Selection
- 3 x Filter Strength Level / Display Update Speed
- 3 x Auto Tare Mode: - Off, On, Continuous
- 2 x Repetitive Tare Mode: - On, Off
- 2 x Key Buzzer: - Off, On
- 4 x RS232 Output Mode: - Off, Auto, Manual, PC.
- 4 x Mode Key Function: - Unit, Print, Function Set, Display Resolution

- 2 x Operation Mode: - Normal, Eco

Dealer Selectable Parameters

- Password Change / Setting
- 4 x RS232 Output Mode: - Off, Auto, Manual, PC.
- 4 x Mode Key Function: - Unit, Print, Function Set, Display Resolution
- Manual Zero & Tare Stability Control
- Initial Zero, Manual Zero & Auto Zero Tracking Range Settings
- Metrological Setting Control by Password or Jumper
- 2 x Operation Mode: - Normal, Eco
- Independent Zero, Linearity, Span Calibration

Versatility, Functionality and Accuracy are always Built-in

G1 Energy Genius General Weighing Scales Series

Features & Functions

- Fast Weighing Speed $\leq 0.5\text{sec}$ with End User Selectable Filter and Display Update Rates
- Extremely Low Power Consumption: ≥ 4000 Operation Hours with 3 x D Size Alkaline Batteries.
- Eco Mode to give even Longer Battery Operation Time
- Support both Positive and Negative Weighing
- Support both Metric and lb Weight Units
- Full Size Load Cell
- Support Auto, Positive, Negative & Repetitive Tare
- Linearity Compensation
- Password Protection to Important Metrological Parameters
- Safety Protection to cut Batteries Supply when External Power is Plugged in
- Overload Protection Devices
- Keypad Buzzer, Backlight, Bubble Level, Dust Cover & USB Power Cord included

Specifications

Model	Capacity	Standard Division	High Division
G1-1500	1500g	0.2g	0.1g
G1-3000	3000g	0.5g	0.2g
G1-7500	7500g	1g	0.5g
G1-15K	15kg	0.002kg	0.001kg
G1-30K	30kg	0.005kg	0.002kg
A/D & Internal Resolution	<ul style="list-style-type: none">• 24 bit Delta to Sigma to Delta ($\Delta-\Sigma$) Analog-to-Digital Converter• 1.1 million Counts at 10mV		
Digits & Indications	<ul style="list-style-type: none">• 6 x 31mm HTN Bold Type Wide Angle LCD Numeric Digits• Gross, Net, Stable, Zero, Weight Unit, Battery Level Indicators		
Max. Tare Range	- Max (Subtractive Tare)		
Estimated Battery Operation Hours	≥ 4000 hours without backlight with 3 x D Size Alkaline Batteries		
Power Consumption	3mA without backlight. 12.2mA with backlight		
Power Source	<ul style="list-style-type: none">• 3 x D Size Dry Batteries (not included)• External DC 5V Input (USB Power Cord Included, Charger not included)		
Platter	ABS Patter with 210 x 250mm Stainless Steel Insert		
Operation Environment	5 ~ 40°C. Non-condensed. R.H. $\leq 85\%$		

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

Options

- SUS304 Stainless Steel Platter Cover
- RS232 Output Interface (Pre-installation required)
- SP-POS58IV & SP-POS88IV Thermal Printer
- WM-EP Wireless Communication Module
- RD-DOT Dot Matrix Remote Display

