

## Analytical Balance

### Applications:

- Laboratories
- R&D
- Food
- Pharma
- Precision Parts Counting



GA



GB

- Professional Weighing with High Precision
- Monolithic electromagnetic sensor
- Advanced- Strong anti vibration mode



RS 232 USB cable



Printer

## Overview:

Analytical balances are instruments used for precise determining mass of matter for weighing and measurements. Provides Glass Draft shield doors to prevent from the environmental obstacle to deliver stable results. It gives you quick and accurate results of samples and precipitates. For usual analytical work this balance is able to determine differences in mass of 0.1 milligram, gives statistical and complete results using the anti-shaking monolithic electromagnetic sensor. The GA Series Analytical Balances are easy to use and calibrate. Their settings can be adjusted easily according to the environmental changes. GA series Analytical Balances come with an option of in-built or external Calibration weight.

## Salient Features:

- Backlight LCD Display
- Anti-theft locking system
- Linear calibration
- Software Overload protection
- Percentage Weighing, auto zero tracking, tare facility.
- Selectable multiple weighing units and count mode
- Standard RS232 computer and USB storage interface
- Strong anti-vibration
- Accessories highly integrated, easy to maintain
- Direct access to Windows system, easy to connect to windows software like word, excel etc

## GA Series Specifications:

Model	Unit	GA 213	GA 313	GA 613	GA 224	GA 224 C	GB 3202	GB 6202
Max Capacity	g	220	320	620	220	220	3200	6200
Scale Interval (d)	mg	1	1	1	0.1	0.1	10	10
Verification Scale Interval (e)	mg	10	10	10	1	1	100	100
Repeatability error	mg	± 1	± 1	± 1	± 0.1	± 0.1	± 10	± 10
Zero Range	g	220	320	220	220	220	3200	6200
Maximum allowed Tolerance	mg	± 1	± 1	± 1	± 0.2	± 0.2	± 10	± 10
Operating Temperature range	°C	+15°C ~ +35°C						
Response Time	s	≤1.5	≤1.5	≤1.5	≤5	≤5	≤1.5	≤1.5
Match with the used environment		Optimized 4 level filter						
External Calibration weight (of at least accuracy class)	g	200(F1)	500(F1)	200(E2)	200(E2)	2000(F1)	5000(F1)	
Net Weight. approx	kg	3	0.2	3	3	2.2	2.2	
Pan size (Inner diameter)	mm	110 ∅	110 ∅	90 ∅	90 ∅	180X180	180X180	
Weighing chamber height (from pan to cover)	mm	200	200	200	200	/	/	
Dimensions (WxDxH)	mm	210X280X350	210X280X350	210X280X350	210X280X350	210X280X350	210X280X350	
AC power source / Power requirements	V ~	AC adapter, AC (100 ~ 240) V						
Frequency	Hz	(50 ~ 60) Hz						
DC power source / Power requirements	V	7.5						
Power consumption	W	1						

## Technical Specification:

- **Display Type:** Large & Bright LCD display
- **Power Source:** AC 230V + DC 6V/4 AH Rechargeable battery
- **Operating temperature:** 10°C-45° C
- **Operating humidity:** 10%- 80% Relative humidity (non-condensing)
- **Machine Dimension:** 251 x 232 x 189mm



## Gramton Weighing Automations

Office Address: Office No. 102, Rudra Apartment, CTS No. 846, Opposite Dyanprohodhani School, Sadashiv Peth, Pune 411030

Factory Address: House No. 127, Sr. No. 145, Fursungi, Tal: Haveli, Pune: 412308

# GRAMTON™

ISO 9001:2015