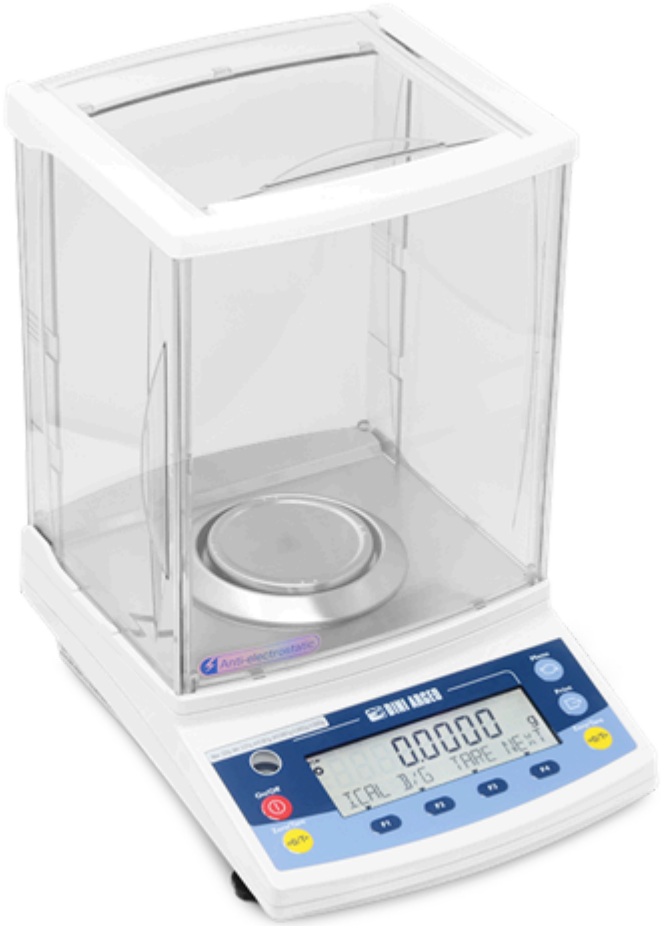
GAT-N Series Analytical Top-Loading Scale with High Windscreens

DINI ARGEO
Scales - Weighing systems

As of: Tuesday, January 13, 2026



Standard Features

- Zeroing
- Zero tracking
- 6 selectable weighing filters
- Semi-automatic tare
- Conversion of approved units of measure: g (grams), ct (carats);For internal use: oz (ounces), lb (pounds), ozt (troy ounces), gn (grains), dwt (pennyweight), mom (momme), msg (mesghal), tlh (Hong Kong Tael), tls (Singapore and Malay tael), tlt (Taiwan tael), tola (tola), bat (bath), mg (milligrams)
- Tolerance control with screen message concerning weight, pieces or customised units of measure and relative (LOW-OK-HIGH) or absolute (MIN-MAX) thresholds

- Totalisation in loading and in unloading, on the net or total weight
- Up to five recordable tares
- 3 customisable virtual keys to choose the operating mode
- 6 customisable virtual keys for the possible functions
- Automatic update of the reference for the counting
- Scale Identification number with a 10 digits ID
- Operational messages for zero and tare execution
- Bar graph displaying depending on the capacity
- Energy saving rules on the screen backlight
- Automatically bootable once the power supply unit is connected
- 6 configurable communication serial protocols, with string sending either when the weight is stable, on demand, by pressing a key or continuously
- Multi-user management with password protection and programmable settings, different for each user:(1 Admin - 2 User - 1 Guest)
- **Date and time can only be changed by authorized personnel.**

Multipurpose high-precision scale, suitable for laboratory and industrial use.

GAT-N Series Specifications

- Backlit LCD display with 8 16.5mm digits.
- Waterproof membrane keypad, with 9 keys.
- Construction: main structure in die-cast aluminium, ABS housing.
- Weight sensor with **tuning fork system**.
- STAINLESS steel plate, size Ø 80mm.
- Windscreen, level bubble and adjustable feet.
- Power supply: fitted with 230 Vac power supply unit as standard.
- Operating temperature +10°C...+30°C, non-condensing relative humidity 80%.;
- RS232 port (D-SUB9P) for connection to PC, 3590 series Touch Screen indicator or printer;
- RS232 port (DIN8P) for continuous transmission of weight and remote execution of tare function;
- Automatic calibration with built-in weights at power-up or by pressing the keys.
- Upon request:- calibration service and certificate;
  - CE-M approval;
  - density calculation kit.
- Counting;
- Percentage for formulations and recipe dosing;
- Customised coefficient to calculate grammage and liquids volume (internal use);
- Density calculating;
- Weight formulation and recalling

Parts

Part #	Description
Available Versions	
GAT120N	Laboratory scale with 120 g capacity, 0,0001 g division, stainless steel plate d= 80 mm, backlit LCD display, waterproof membrane keypad and windscreen.
GAT220N	Laboratory scale with 220 g capacity, 0,0001 g division, stainless steel plate d= 80 mm, backlit LCD display, waterproof membrane keypad and windscreen.

Options

Part #	Description
Approval for Sale to Third Parties	
ECEM1L	Single range CE-M approval for class I or II scales with capacity up to 6kg.
ECEMDOC	Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.
Calibration Service (Only at Order)	
CT1	ISO 17025 calibration certificate up to 5 kg for single analytical balance. The certificate is provided in digital format (pdf) and sent by e-mail.
Printers / Labelers	
OBTPRSH	ABS bench thermal printer for Scale House products (to be combined with specific cable for each scale). 58 mm paper width; 50 mm roll diameter; power supply through built-in 110-240 Vac power supplier.
RSCBBCGN	RS232 cable l=1,5m with IP65 protection for printer.
Connection Cables	
RSCBSHG	RS232 cable for 3590EGT connection.
RSCBPCBC	1,5 m RS232/C cable for connecting AFW, ASC, BCSD, GAM and KS series scales to PC.
Spare Parts	
SHAL16	12V 1000mA power supplier.
15GATC	Moulded protective covers in transparent plastic (GAT).
15GATO	Keyboard overlay.
15GATP	Stainless steel weighing plate (GAT).
15GATU	Plastic underplate (GAT).
15GATWS	Windscreen (GAT).
15GAF	Adjustable levelling foot (GAM-GAI-GAT).