

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



As of: Wednesday, August 27, 2025



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
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{#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.
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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.
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Options

Part #	Description
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{#Approval for sale to third parties}

ECEM1L	CE-M approval for class I or II scales with capacity up to 6kg.
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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 €.
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{#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.
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{#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.
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RSCBBCGN	RS232 cable l=1,5m with IP65 protection for printer.
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{#Connection cables}

RSCBSHG	RS232 cable for 3590EGT connection.
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RSCBPCBC	1,5 m RS232/C cable for connecting AFW, ASC, BCSD, GAM and KS series scales to PC.
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{#Spare parts}

SHAL16	12V 1000mA power supplier.
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15GATC	Moulded protective covers in transparent plastic (GAT).
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15GATO	Keyboard overlay.
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15GATP	Stainless steel weighing plate (GAT).
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15GATU	Plastic underplate (GAT).
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15GATWS	Windscreen (GAT).
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15GAF	Adjustable levelling foot (GAM-GAI-GAT).
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