GAL Series Technical Precision Top-Loading Balance

DINI ARGEO
Scales - Weighing systems

As of: Wednesday, January 14, 2026



Standard Features

- Backlit LCD display with 8 digits 16.5mm high;
- Waterproof membrane keypad, with 9 keys;
- Construction: main structure in die cast aluminium, ABS case;
- Quick weight sensor with **tuning fork system**;
- **1.6 second** weight stabilisation;
- Stainless steel plate, size:- GAL620 models Ø 118mm;
  - GAL6200 and GAL15000 models 180x160mm;
- Protection window (GAL620), level bubble and adjustable levelling feet;
- Power supply: 230 Vac feeder included, 4 AA batteries (not included) and USB (disabled self-calibration);

- Operating temperature +5°C...+35°C, non-condensing relative humidity 85%;
- RS232 port for connection to PC, 3590 series touch screen indicator or printer;
- USB port for connection to a pc that can be used as a virtual serial port RS232;
- **Automatic calibration with built-in weights** after switching the device on or by pressing the keys;
- Upon request:
  - calibration service and certificate;
  -CE-M approval;
  -weighing underhook to calculate the density;

Efficient and compact multifunctional high precision balances, with multi user management, suitable for pharmaceutical, veterinary, and industrial use. Light and easily transportable, useful for those who have to frequently change their workstation. CE-M APPROVED legal for trade version.

DIVISION (g): 0.001, 0.01 and 0.1. CAPACITY (g): 620, 6200, 15000.

GAL Series Specification

Available Functions

- 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;
- Totalization 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 according to the capacity;
- Energy saving rules on the screen backlight;
- Automatically bootable once the power supplier is connected;
- 6 configurable communication serial protocols, with string sending either when the weight

Weighing Modes

- Counting;
- Percentage for formulation and recipe dosing;
- Customised coefficient to calculate grammage and liquid volume;
- Density calculation;
- Weight formulation and recalling;
- Simple statistical control;
- Animal weighing.

USER MANUAL

- User Manual available in: IT, EN, FR, DE, ES

is stable, on demand, by pressing a key or continuously;

- **Multi-user management with password** protection with programmable settings, different for each user: **1 Admin - 2 User - 1 Guest;**
- **Date and time can only be changed by authorized personnel;**
- Selecting the printing language (EN-DE-FR-ES).

Parts

Part #	Description
Available Versions	
GAL620	Precision scale Max=620g, d=0,001g. Plate Ø 118 mm, backlit display and waterproof membrane keypad.
GAL6200	Precision scale Max=6200g, d=0,01g. Pan size 160x180mm, backlit display and waterproof membrane keypad.
GAL15000	Precision scale Max=15000g, d=0,1g. Pan size 160x180mm, backlit display and waterproof membrane keypad.

Options

Part #	Description
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.
CT2	ISO 17025 calibration certificate over 5 kg for single analytical scale. The certificate is provided in digital format (pdf) and sent by e-mail.
Approval for Sale to Third Parties	
ECEM1L	Single range CE-M approval for class I or II scales with capacity up to 6kg.
ECEM1M	Single range CE-M approval for class I or II scales with capacity more than 6kg up to 65kg.
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 €.
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.
RSCBPC	RS232 cable l=1,5m with DB9 and wires for terminal board.
Connection Cables	
RSCBPCBC	1,5 m RS232/C cable for connecting AFW, ASC, BCSD, GAM and KS series scales to PC.
RSCBSHG	RS232 cable for 3590EGT connection.
Spare Parts	
15GAF	Adjustable levelling foot (GAM-GAI-GAT).
SHAL15	6V 1000mA power supplier.
15GALPA	Adhesive keyboard overlay.