

GAI Series Technical Precision Top-Loading Scale



As of: Wednesday, August
27, 2025



Standard Features

- Backlit LCD display with 7 digits 16.5mm high.
- Waterproof membrane keypad, with 5 keys.
- Construction: bearing structure in die cast aluminium, ABS case.
- Weight detection through tuning fork system.
- Stainless steel plate, size:
 - GAI420N and GAI620N models Ø 118mm
 - GAI2200N, GAI4200N, GAI6200N models 180x160mm.
- Winscreen (on GAI420N and GAI620N models), level, adjustable feet.
- Power supply: standard fitted with 230 Vac power adapter.
- Operating temperature +5°C...+35°C, non-condensing relative humidity 80%.

- RS232/c port for connection to PC, 3590 TOUCH SCREEN series indicator or printer.
- Internal calibration (except GAI6200N).
- Upon request:
 - ACCREDIA calibration with issuing of relative certificate;
 - CE-M approval;
 - weigh-below hook.

FUNCTIONS

- counting;
- % weight;
- conversion units of measure:
 - Standard versions, not approved: g, kg, ct, oz, lb, ozt, dwt;
 - CM versions, approved: g, kg, ct (only available at time of scale's order);
- zeroing;
- zero tracking;
- semi-automatic tare;
- digital calibration.

Multifunctional high precision scales, suitable for laboratory, industrial use, jewelry and pawn shops and cash for gold shops. Available also CE-M APPROVED for legal for trade use.

DIVISION (g): 0.001 and 0.01. CAPACITY (g): 420, 620, 2200, 4200, 6200.

Available Versions

Code	Class	Plate Max (mm)	Max (g)	d (g)	M (g*)	Linearity (g) +/-	Repeatability (g)
GAI420N	II	Ø 118 mm	420	0,001	0,01	0,001	0,001
GAI620N	I	Ø 118 mm	620	0,001	0,01	0,002	0,001
GAI2200N	II	180x160 mm	2200	0,01	0,1	0,01	0,01
GAI4200N	II	180x160 mm	4200	0,01	0,1	0,01	0,01
GAI6200N	I	180x160 mm	6200	0,01	0,1	0,02	0.01

Parts

Part #	Description
{#Available versions}	
GAI420N	Laboratory scale with 420 g capacity, 0.001 g division, stainless steel plate Ø 118 mm, backlit LCD display, waterproof membrane keypad and draught shield.
GAI620N	Laboratory scale with 620 g capacity, 0.001 g division, stainless steel plate d= 118 mm, backlit LCD display, waterproof membrane keypad and draught shield.
GAI2200N	Laboratory scale with 2200 g capacity, 0.01 g division, stainless steel plate Ø 180x160 mm, backlit LCD display, and waterproof membrane keypad.
GAI4200N	Laboratory scale with 4200 g capacity, 0.01 g division, stainless steel plate Ø 180x160 mm, backlit LCD display, and waterproof membrane keypad.
GAI6200N	Laboratory scale with 6200g capacity, 0,01g division, stainless steel plate Ø 180x160 mm, backlit LCD 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.
DINICAL-G	Factory calibration service with correction according to "g" calibration value (to be communicated at time of order). For GAM, GAEP33KN and GAI6200 series scales. NET PRICE (*).
{#Approval for sale to third parties}	
ECEM1L	CE-M approval for class I or II scales with capacity up to 6kg.
ECEM1MS	CE-M approval for scales with capacity over 6kg and up to 300kg, without any internal calibration system or preset g value for the place of use.
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 €.
{#Weight repeaters}	
REPG	Remote display with 1m cable for GAI scale.
{#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.
RSCBBCG	RS232 cable l=1,5m for printer.
{#Connection cables}	
RSCBP2PG	RS232 Cable, l=1,5m, for PC connection.
RSCBSHEG	RS232 cable for 3590 touch connection.
{#Other options}	
GAEPHANG	Kit for suspended weighing, to be installed underneath the balance. For GAI420, GAI620 and GAM series.
{#Spare parts}	
SHAL16	12V 1000mA power supplier.
15GAIRP	Round stainless steel weighing plate (GAI420/620).
15GAISP	Square stainless steel weighing plate (GAI2200/4200).
15GAIC	Moulded protective covers in transparent plastic (GAI420/620).

Part #	Description
15GAICQ	Moulded protective covers in transparent plastic (GAI2200/4200).
15GAIO	Sticky overlay for display (GAI420/620).
15GAIOQ	Sticky overlay for display (GAI2200/4200).
15GAIoT	Keyboard overlay.
15GAIWS	Windscreen (GAI420/620).
15GAMGAIAT	Rubber corner for cruise of scales model GAI420/620.
15GAMGAIAQ	Rubber angle for cruise of GAM (all models) and GAI (models 2200/4200) scales.
15GAF	Adjustable levelling foot (GAM-GAI-GAT).
15GAMLB	Level bubble for GAM and GAI/GAI No.

**Dini Argeo S.r.l. | Via della Fisica, 20 - 41042, Spezzano di Fiorano, Modena (MO), Italy | Tel.:
+39 0536 843418**

www.diniargeo.com