

GAEP-K Series Stainless Steel Technical Precision Scale



*As of: Wednesday, August
27, 2025*



Standard Features

- Backlit LCD display:
 - 8 digits 16.5mm for weight display;
 - 20 digits 8.5mm for user messages and identification of the "soft keys";
 - bar graph proportional to the weight;
- Waterproof membrane keypad, with 9 keys.
- Waterproof construction completely in IP65 stainless steel.
- Quick weight sensor with **tuning fork system**, which combines speed with absolute measurement accuracy.
- Stainless steel plate, size: 400x350mm.
- Level, and adjustable feet.

- RS232/c port for connection to PC, 3590 TOUCH SCREEN series indicator or printer.
- Cable 1m long, for connection between platform and indicator.
- Power supply: standard fitted with 230 Vac, 12Vdc power supply unit with EU, UK, US, AU plug.
- Packing 480x570x930 mm size.
- Automatic internal self-calibration system at power-on (for GAEPKxx**RN** models);
- Upon request:
 - ACCREDIA calibration with issuing of relative certificate.

Multifunctional high precision scale, suitable for laboratory and industrial use. The completely stainless steel structure makes this scale suitable for environments with strict hygiene requirements. Available in a standard version or with internal auto-recalibration system.

DIVISION (g): 0,1, 1. **CAPACITY (g):** 22000, 33000, 62000.

GAEP-K Series Specification

AVAILABLE FUNCTIONS

- **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;
- Zeroing;
- **Semi-automatic tare;**
- **Up to five recordable tares;**
- Operational messages for zero and tare execution (see user manual for additional information);
- Scale Identification number with a 10 digits ID;
- **Customisable virtual keys** for quick recall of functions;
- 6 configurable communication serial protocols, with string sending either when the weight is stable, on demand, by pressing a key or continuously;
- Zero tracking;
- Auto power off.

WEIGHING MODES

- Piece-counting with automatic updating of the reference on the pieces count;
- Percentage for formulation and recipe dosing;
- Customised coefficient for weight conversion;
- Weight formulation and recalling;
- **Totalization in loading on the net or total weight;**
- **Conversion of approved units of measure:** g (grams), kg (kilograms), ct (carats); For internal use: oz (ounces), lb (pounds), ozt (troy ounces), gn (grains), dwt (pennyweight), mom (momme), tlh (Hong Kong Tael), tls (Singapore and Malay tael), tlt (Taiwan tael), tola (tola);
- Tolerance control with screen message concerning weight, pieces or customised units of measure and relative thresholds (LOW-OK-HIGH).

USER MANUAL

- User Manual available in English, French and German.

Available Versions

Code	Plate Max (mm)	Max (g)	d (g)	M (g*)	Linearity (g) +/-
GAEP33KN	400x350 mm	33000	0,1	--	0,3
GAEP22KRN	400x350 mm	22000	0,1	1	0,3
GAEP33KRN	400x350 mm	33000	0,1	1	0,3
GAEP62KRN	400x350 mm	6200/62000	0,1/1	1	0,3/1

Parts

Part #	Description
{#Available versions}	
GAEP33KN	Precision technical scale. 33000 g capacity, 0,1 g division. Stainless steel structure and plate 400x350mm.
GAEP22KRN	Precision technical scale. with internal auto-recalibration system. 22000 g capacity, 0.1 g division. Stainless steel structure and plate 400x350mm.
GAEP33KRN	Precision technical scale with internal auto-recalibration system. 33000 g capacity, 0.1 g division. Stainless steel structure and plate 400x350mm.
GAEP62KRN	Precision technical scale with internal auto-recalibration system. 6.200/62.000 g capacity, 0.1/1 g division. Stainless steel structure and plate 400x350mm.

Options

Part #	Description
--------	-------------

{#Columns, Supports Brackets, Visors}

GAEPKCN	Column kit for GAEP-K scale.
---------	------------------------------

{#Calibration service with Dini Argeo weight indicator (only at time of order)}

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.
-----	--

{#Calibration service (only at order)}

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}

ECEM1M	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.
---------	---

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.
--------	----------------------------

15GAEPKA	Rubber bracket for cross plate (GAEPK and GAEPKR).
----------	--

15GAEPKF	Adjustable foot (GAEPK e GAEPKR).
----------	-----------------------------------

15GAEPKSP	Stainless steel weighing plate (GAEPK e GAEPKR).
-----------	--

15GAEPNDC	Moulded protective covers in transparent plastic (GAEPKN e GAEPKRN).
-----------	--

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

www.diniargeo.com
