

GEX-FZ-1G High Precision Laboratory Balance, ATEX/IECEx certified for zone 0



As of: Wednesday, April 29,
2026



Standard Features

- 27-key numeric and functional waterproof keyboard
- 9-digit 25 mm LCD display
- IP65 stainless steel structure
- Dimensions 294 x 352 x 570 mm
- Weighing sensor with tuning fork technology
- Stainless steel plate, dimensions:
 - GEX-FZ620-1G, Ø 140 mm
 - GEX-FZ6200-1G e GEX-FZ15000-1G, 190×190 mm
- RS232 serial output incorporated in the power supply in safe area
- 100 - 240VAC power supply in safe area, with RS232 serial port
- 5 m cable between power supply and weight indicator

- 1 m cable between platform and weight indicator
- 2.5 m power cable
- Version approved for CE-M II legal-for-trade use

High precision laboratory balance for hazardous areas. Protection rating Ex II 1G Ex ia II B T4 Ga for gas. CE-M approved (OIML R-76 / EN 45501).

GEX-FZ-1G Laboratory Balance Specifications

Function

Zeroing.
Semiautomatic tare.
Preset tare.
Tolerance check.
Totalization in loading and unloading.
Up to 100 storable tares.
Bar graph display in relation to flow rate.
6 configurable serial communication protocols, sending the string continuously, at stability, on demand or at the press of a key.
5 selectable weighing filters.
Zero tracking.

Weighing Modes

Weighing in grams.
Percentage weighing for formulation and recipe dosing.
Customized coefficient for liquid weighing and grammage.

Main Certifications

ATEX Directive 2014/34/UE
OIML R76
IECEX certified

Capacities (g): 620, 6200, 15000

Operation manual and EU declaration of ATEX conformity available in English.

Safety instructions available in Italian, English, French, German and Spanish languages.

Available Versions

Code	Class	Plate Max (mm)	Max (g)	d (g)	M (g*)	Linearity (g) +/-	Repeatability (g)
GEX-FZ620-1G	II	Ø 140	620	0.001	0.01	0.002	0.001
GEX-FZ6200-1G	II	190 x 190	6200	0.01	0.1	0.02	0.01
GEX-FZ15000-1G	II	190 x 190	15000	0.1	1	0.2	0.1

Parts

Part #	Description
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Available Versions

GEX-FZ620-1G	High precision laboratory balance, ATEX/IECEX certified for zone 0. Capacity 620 g, division 0.001 g, stainless steel structure, load plate Ø 140 mm. Protection rating: Ex II 1 G Ex ia II B T4 Ga for gas. 100 - 240VAC power supply unit for safe area, with 5m cable included.
GEX-FZ6200-1G	High precision laboratory balance, ATEX/IECEX certified for zone 0. Capacity 6200 g, division 0.01 g, stainless steel structure, load plate 190 x 190 mm. Protection rating: Ex II 1 G Ex ia II B T4 Ga for gas. 100 - 240VAC power supply unit for safe area, with 5m cable included.
GEX-FZ15000-1G	High precision laboratory balance, ATEX/IECEX certified for zone 0. Capacity 15000 g, division 0,1 g, stainless steel structure, load plate 190 x 190 mm. Protection rating: Ex II 1 G Ex ia II B T4 Ga for gas. 100 - 240VAC power supply unit for safe area, with 5m cable included.

Options

Part #	Description
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Legal for Trade Approval (only at time of order)

ECEM1LS	Single range CE-M approval for class I, II or III scales with capacity up to 6kg, without any internal calibration system or preset g value for the place of use.
ECEM1MS	Single range 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 €.

Calibration Service (ACCREDIA/DAKKS) Only at Time of Order

CT3	ISO 17025 calibration certificate up to 5 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT4	ISO 17025 calibration certificate from 6 to 60 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.

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