

GEX-FZ-1G High Precision Laboratory Balance, for ATEX Zone 0



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 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	Weighing Modes	Main Certifications
Zeroing.	Weighing in grams.	II 1G Ex ia II B T4 Ga
Semiautomatic tare.	Percentage weighing for	OIML R76
Preset tare.	formulation and recipe dosing.	Capacities (g): 620, 6200,
Tolerance check.	Customized coefficient for liquid	15000
Totalization in loading and	weighing and grammage.	<i>Operation manual and EU</i>
unloading.		<i>declaration of ATEX conformity</i>
Up to 100 storable tares.		<i>available in English.</i>
Bar graph display in relation to		<i>Safety instructions available in</i>
flow rate.		<i>Italian, English, French, German</i>
6 configurable serial		<i>and Spanish languages.</i>
communication protocols,		
sending the string continuously,		
at stability, on demand or at the		
press of a key.		
5 selectable weighing filters.		
Zero tracking.		

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 for ATEX zone 0 model FZ623Ex-i02. Capacity 620 g, division 0.001 g, stainless steel structure, load plate Ø 140 mm. Protection rating: ATEX 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 for ATEX zone 0 model FZ6202Ex-i02. Capacity 6200 g, division 0.01 g, stainless steel structure, load plate 190 x 190 mm. Protection rating: ATEX 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 for ATEX zone 0 model FZ15001Ex-i02. Capacity 15000 g, division 0,1 g, stainless steel structure, load plate 190 x 190 mm. Protection rating: ATEX 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	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	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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