

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



As of: Monday, May 4, 2026



## Standard Features

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- 27-key numeric and functional waterproof keyboard.
- 9-digit 25 mm LCD display.
- IP65 stainless steel structure.
- Dimensions 800 x 600 x 142 mm.
- Weighing sensor with **tuning fork technology**.
- Stainless steel plate, dimensions 800 x 600 mm;
- 100 – 240VAC power supply unit in safe area, with RS232 serial port.
- 5 m cable between power supply and weight indicator.
- 5 m cable between platform and weight indicator.
- 2.5 m power cable.
- Operating temperature +5°C...+40°C (display and platform, 0°C...+40°C (power supply), non-condensing relative humidity 85%.

- Version approved for CE-M II legal-for-trade use.

High precision floor 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 Specifications

### AVAILABLE FUNCTIONS:

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

**CAPACITY (kg):** 300.

*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 (kg)	d (g)	<b>M</b> (g)*	Linearity (g) +/-	Repeatability (g)
GEX-FZ300K-1G	II	800 x 600	300	1	10	5	0.8

## Parts

**Part #**      **Description**

### Available Versions

**GEX-FZ300K-1G**      High precision floor balance, ATEX/IECEX certified for zone 0. Load capacity 300 kg, division 1 g, stainless steel structure, load plate 800 x 600 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

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

<b>ECEM1MS</b>	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.
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<b>ECEMDOC</b>	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 €.
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### Calibration Service (Only at Order)

<b>CT5</b>	ISO 17025 calibration certificate from 61 to 300 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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