

EK-EP Series

Intrinsically Safe Compact Balances



EK-300EP



EK-3000EP

EK-300EP	300 g
EK-3000EP	3000 g
EK-12KEP	12 kg

Features

- Factory Mutual approved for US & Canada.
- Compact, lightweight and extremely affordable while providing excellent explosion protection.
- Battery operation*¹ (200+ hours) for high portability, requiring no power supply from a safe area via a safety barrier. Auto power OFF function to save battery power.
- Easy-to-read LCD display with backlight (16 mm character height).
- Hygienic and chemically resistant stainless steel (SUS304) weighing pan.
- Multiple weighing units: g, oz, lb, ozt, ct, mom, dwt, gr, N, in addition to pieces (counting mode), % (percent mode) and SG (specific gravity).
- Comparator function for faster and more accurate filling, packing, sorting, and dosing.
- Adjustable response characteristics depending on the degree of drafts and vibrations at the location.
- Security ring for locking the balance to prevent theft or removal.

*¹ Only to be used with four DURACELL AA alkaline MN1500 LR6, ENERGIZER AA E91 alkaline LR6 AM3, or Panasonic AA alkaline LR6 (XJ) 1.5V batteries.



Specifications

The EK-EP Series shall only be used with four Energizer AA E91 alkaline LR6 AM3, or Duracell AA alkaline MN1500 LR6, or Panasonic AA alkaline LR6(XJ) 1.5V batteries.

Model		EK-300EP	EK-3000EP	EK-12KEP
Weighing capacity		300 g	3000 g	12 kg
Readability		0.01 g	0.1 g	1 g
Repeatability (standard deviation)		0.01 g	0.1 g	1 g
Linearity		±0.02 g	±0.2 g	±1 g
Sensitivity drift		±20 ppm / °C (10°C-30°C / 50°F-86°F)		
Counting mode	Min. unit weight*	0.01 g	0.1 g	1 g
	No. of samples	5, 10, 25, 50 or 100 pieces		
Percent mode	Min. % display	0.1%		
	Min. 100% weight	1 g	10 g	100 g
Operating temperature range		0°C-40°C / 32°F-104°F, less than 85% R.H. (non-condensing)		
Zone standards- FM/FMc		Aex / Ex ia IIB T3		
Class/division standards (US)		IS / I / 1 / C,D / T3C		
Battery operation		Approximately 250 hours (with 4 AA alkaline batteries* ¹ , backlight off)		
Weighing pan size		Ø 4.33 inches	5.24 x 6.69 inches	
Net Weight		Approx. 1.2 kg	Approx. 1.5 kg	
Calibration weight* (not included)		300 g	3000 g	10 kg

* Factory setting

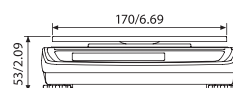
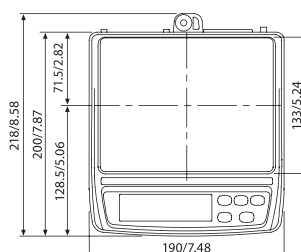
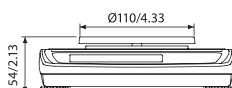
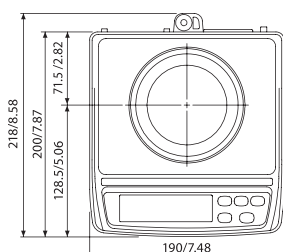
Specifications subject to change without notice.

Options

EJ-12 Carrying case



Dimensions (mm/inches)



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