

**EK-EP Series**

Intrinsically Safe Compact Balances

Capacity: 300g to 12kg Readability: 0.01 g to 1 g



EK-300EP



EK-3000EP

**Standard Features**

- LCD display
- FM approved (Class I, division 1, groups C and D)
- 200 hours of battery operation\*
- Auto power off
- Counting/Percentage/Specific Gravity modes
- Multiple weighing units: g, oz, lb, ozt, ct, mom, dwt, gr, N

## APPROVALS

**Specifications**

	EK-300EP	EK-3000EP	EK-12KEP	
Part#	177693	177694	177695	
List Price	Consult	Consult	Consult	
Capacity	300 g	3000 g	12,000 g	
Resolution	0.01 g	0.1 g	1 g	
Operating Modes	Counting, Percentage, Specific Gravity			
Repeatability	0.01 g	0.1 g	1 g	
Linearity	±0.02 g	±0.2 g	±1 g	
Sensitivity Drift	±20 ppm/°C (10°C to 30°C/50°F to 86°F)			
Operating Temperature	32°F to 104°F (0°C to 40°C)			
Pan Size	Ø4.33 in (110 mm)	5.24 in x 6.69 in (133 mm x 170 mm)		
Physical Dimensions	(W x D x H) 7.5 x 8.6 x 2.2 in (190 x 218 x 55 mm)			
Weight (approx.)	2.4 lb (1.1 kg)	3.5 lb x (1.5 kg)		
Calibration Mass (default setting)	300 g	3000 g	10 kg	
Power	Four AA batteries*			
Warranty	Two-year Limited Warranty			
Return Policy	A&D Weighing Standard Policy - restock fee may apply			
UNIT OF MEASURE	Decimal Ounce	10.580 x 0.005 oz	105.80 x 0.05 oz	423.2 x 0.2 oz
	Decimal Pound	0.6615 x 0.0005 lb	6.615 x 0.005 lb	26.46 x 0.02 lb
	Troy Ounce	9.645 x 0.005 ozt	96.45 x 0.05 ozt	385.8 x 0.2 ozt
	Pennyweight	192.9 x 0.1 dwt	1929 x 1 dwt	7715 x 5 dwt
	Carat	1500 x 0.5 ct	–	–
	Momme	80.00 x 0.05 mom	800 x 0.5 mom	3200 x 2 mom
	Grain Unit	4,630 x 2 GN	–	–
	Newtons	2.942 x 0.0001 N	29.42 x 0.001 N	117.68 x 0.01 N

\*Battery life determined with backlight off with four AA batteries. The EK-EP must be used with any of the following to maintain FM integrity: Duracell AA alkaline MN 1500 LR6, Energizer AA E91 alkaline LR6 AM3, Panasonic AA alkaline LR6 (XJ). Do not mix type or new/used batteries.

**Part Number/Price**

Part#	Model#	Description	Price
177693	EK-300EP	300 g x 0.01 g	Consult
177694	EK-3000EP	3000 g x 0.1 g	Consult
177695	EK-12KEP	12 kg x 1 g	Consult

**Options/Accessories**

Part#	A&D Model#	Description	Price
177696	EJ-12	Carrying case	Consult