

Intrinsically Safe Compact Balances

EK-EP

Series

*For precise weight measurement in
potentially explosive atmospheres*

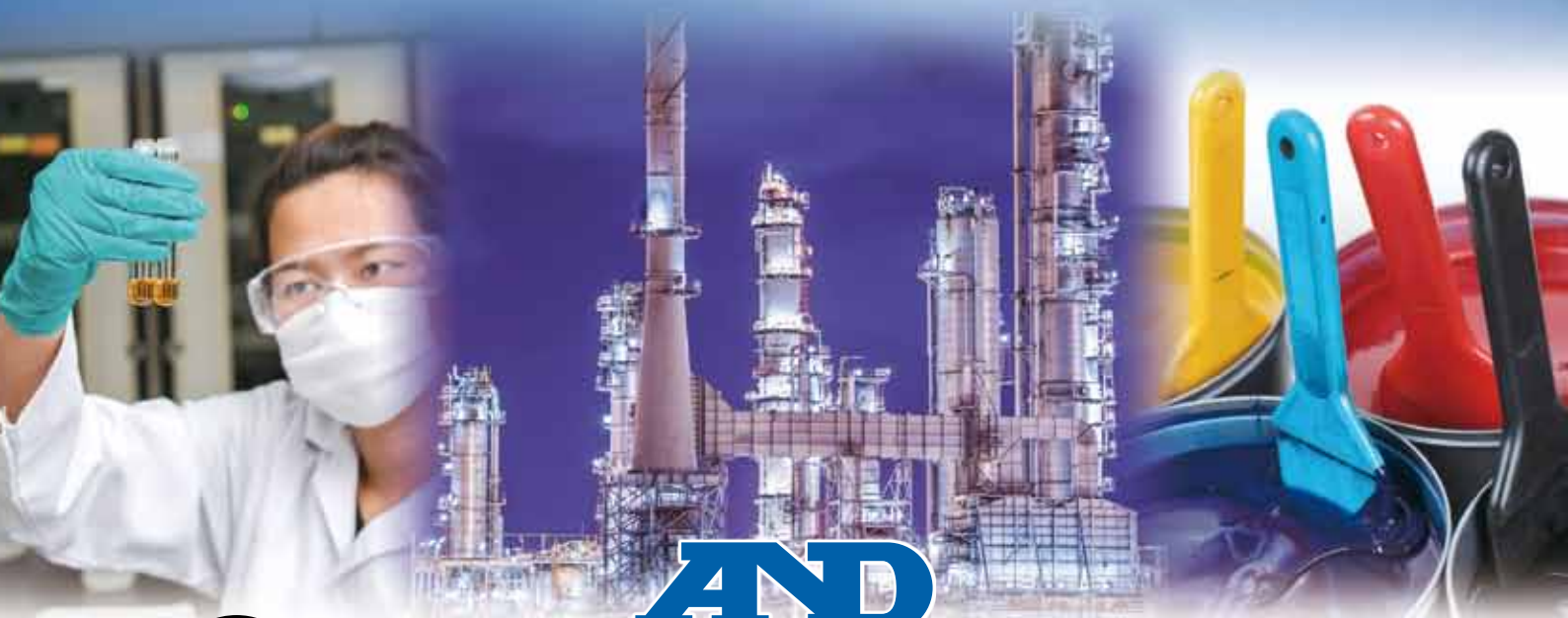


EK-3000EP



EK-300EP

IECEX: Ex ia IIB T3 Ga
ATEX: II 1G Ex ia IIB T3 Ga
FM/FMc (NEC505): AEx / Ex ia IIB T3
FM/FMc (NEC500): IS / I / 1 / C,D / T3C



A&D

A&D Australasia

"Excellence in Measurement"

www.andaustralasia.com.au



Features

- ✓ Compact, lightweight and extremely affordable while providing excellent explosion protection
- ✓ Battery operation*1 (approx. 250 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 pcs (counting mode), % (percent mode) and SG (specific gravity)*2
- ✓ Comparator function for faster and more accurate filling, packing, sorting, etc.
- ✓ Adjustable response characteristics depending on the degree of drafts and vibrations at the location
- ✓ Security ring for wire-locking the balance to prevent theft

*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.

*2 Either tl (tael) or tol (tola) can be added upon request.



Specifications

		EK-300EP	EK-3000EP	EK-12KEP
Weighing capacity		300 g	3000 g	12 kg
Minimum weighing value		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 to 30°C/50 to 86°F)		
Counting mode	Min. unit weight*3	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 and humidity		0 to 40°C/32 to 104°F, 85% RH or less (no condensation)		
Battery life		Approx. 250 hours (with four AA alkaline batteries *1, backlight off)		
Weighing pan size		Ø110 mm	133×170 mm	
Net weight		Approx. 1.2 kg	Approx. 1.5 kg	
Calibration weight*3		300 g	3000 g	10 kg

*3 Factory setting

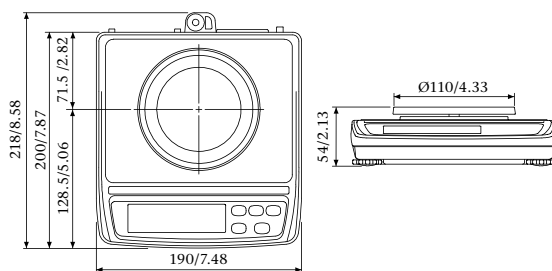
Options

EJ-12 Carrying case

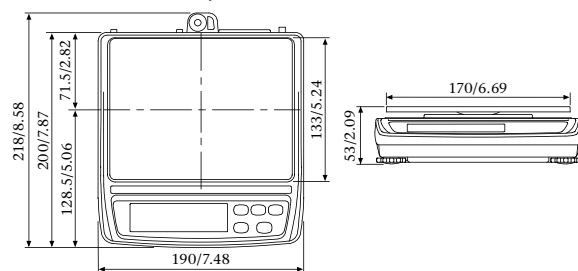


Dimensions (mm/inches)

EK-300EP



EK-3000EP / EK-12KEP



A&D
A&D Australasia

ACN 007 556 809

Head Office
32 Dew Street
THEBARTON South Australia 5031
Telephone (08) 8301 8100
Facsimile (08) 8352 7409

"Excellence in Measurement"

Victorian Office
39 Bakehouse Road
KENSINGTON Victoria 3031
Telephone (03) 9372 1522
Facsimile (03) 9372 1193

Email: sales@andastralasia.com.au
Internet page: www.andastralasia.com.au

New South Wales Office
Unit 4, 14 Abbott Road
SEVEN HILLS New South Wales 2147
Telephone (02) 9674 5466
Facsimile (02) 9674 2544

Your Dealer



Proudly Sold & Serviced By:

Able Scale Co Pty Ltd
Ph: 1300 731 360

21 Green St Thomastown VIC. 3074

find us on the web: www.ablescale.com.au