

ROCK SOLID BALANCES



EVEREST™ SERIES

A&D
A&D WEIGHING
...Clearly a Better Value

EVEREST™ SERIES

For years the EK/EW models have been popular compact balances for a wide variety of applications. Now the new Everest Compact Balances have been designed to carry on their tradition with enhanced capacities and resolutions, and EW-i models come with attractive triple ranges of weighing. New electronics, wider selection of capacities & resolutions, and remote-zeroing have been included in a low-profile rugged housing. All feature RS-232C standard and are designed to meet Weights and Measures regulations for various countries. (e.g. NTEP, CE)



LCD Back Light

- Large LCD display (16mm height) with back light – Easy to read even at a wide viewing angle or dark environment



RS-232C

- Wide selection from 16 different models 30g ~ 12kg
- Control zero, mode selection and data output with standard RS-232C



RI-2-3
Triple Range

- Triple range weighing for EW-i Models
- 9 built-in weighing units plus counting & percentage with user priority start-up



ACAI
Automatic Counting
Accuracy Improvement

- Counting function with Automatic Counting Accuracy Improvement



COMPARATOR

- Standard comparator function – HI/OK/LO annunciator



FDC
Full Digital Calibration

- Full Digital Calibration with optional user definable mass setting



GLP

- Conformity to GLP with I.D. and serial number outputs



OFF

- Auto Power OFF



SPLASH

- Portable-compact size, light weight, rugged body

- Sealed key panel protection against dust and spills

- Low profile and small footprint for minimal space requirement

- Overload protection

- Stainless steel weighing pan

- Easy to install rechargeable Ni-MH battery (optional)

- Optional underhook weighing for EK-4100i / 6100i / 6000i / 12Ki and EW-12Ki

- Leveling feet and level bubble for accurate weighing

- Security ring to prevent theft



	A & D
MODEL	EK-300i
S/N	1234567
ID	ABCDEF
DATE	02/05/17
	03:15:40 PM
	CAL. TEST (EXT.)
ACTUAL	
	0.00 g
	+300.01 g
TARGET	
	+300.00 g
SIGNATURE	

GLP

Balance I.D. number allows calibration output verification



ROCK SOLID PERFORMANCE

OPTIONS & ACCESSORIES

Multi-Function Printer

AD-8121B
With time/date and statistics



External Display

AD-8920



Rechargeable Battery

EKW-09i
For complete portability and use in areas with power problems



Carrying Case

CC:106



Weighing Range

(EW-i series only)
Triple range indication

ACAI

Automatic Counting
Accuracy Improvement

HI/OK/LO

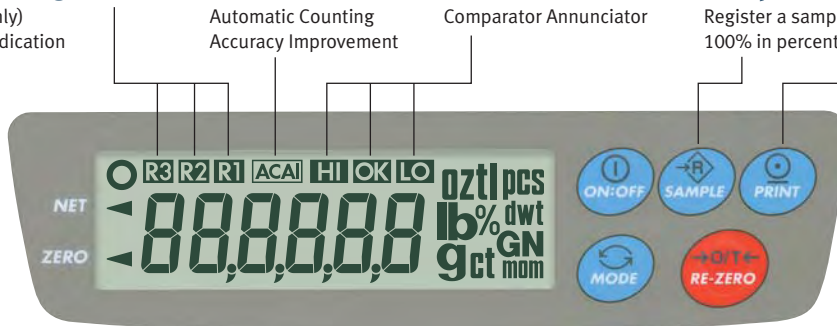
Comparator Annunciator

Sample

Register a sample count or
100% in percentage

Print

Transmit data to printer
or computer



Multi weighing units

- oz** — Ounce (av)
- ozt** — Troy ounce
- tl** — Tael
- lb** — Pound (av)
- GN** — Grain unit
- dwt** — Pennyweight
- g** — Gram
- ct** — Carat
- mom** — Momme
- pcs** — Pieces
- %** — Percent


Everest Specifications

	EK-120i	EK-200i	EK-300i	EK-410i	EK-610i	EK-600i	EK-1200i	EK-2000i	EK-3000i	EK-4100i	EK-6100i
Gram (g)	120e0.01	200e0.01	300e0.01	400e0.01	600e0.01	600e0.1	1200e0.1	2000e0.1	3000e0.1	4000e0.1	6000e0.1
Decimal Ounce (avo) (oz)	4.2330e0.0005	7.0550e0.0005	10.5820e0.0005	14.110e0.001	21.166e0.001	21.165e0.005	42.330e0.005	70.550e0.005	105.820e0.005	141.10e0.01	211.66e0.01
Decimal Pound (avo) (lb)	—	—	—	0.8818e0.0001	1.3228e0.0001	1.3230e0.0005	2.6455e0.0005	4.4090e0.0005	6.6140e0.0005	8.818e0.001	13.228e0.001
Troy Ounce (ozt)	3.8580e0.0005	6.4300e0.0005	9.6450e0.0005	12.860e0.001	19.290e0.001	19.290e0.005	38.580e0.005	64.300e0.005	96.450e0.005	128.60e0.01	192.90e0.01
Pennyweight (dwt)	77.16e0.01	128.60e0.01	192.90e0.01	257.21e0.01	385.81e0.01	385.8e0.1	771.6e0.1	1286.0e0.1	1929.0e0.1	2572.1e0.1	3858.1e0.1
Carat (ct)	600.00e0.05	1000.00e0.05	1500.00e0.05	2000.0e0.1	3000.0e0.1	3000.0e0.5	6000.0e0.5	10000.0e0.5	15000.0e0.5	20000e1	30000e1
Millimetre (mm)	32.000e0.005	53.335e0.005	80.000e0.005	106.665e0.005	160.000e0.005	160.00e0.05	320.00e0.05	533.35e0.05	800.00e0.05	1066.65e0.05	1600.00e0.05
Grain Unit (GN)	1851.8e0.2	3086.4e0.2	4629.8e0.2	6173.0e0.2	9259.4e0.2	9260e2	18518e2	30864e2	46298e2	61730e2	92594e2
Tare (H.K. General) (t)	3.1745e0.0005	5.2910e0.0005	7.9365e0.0005	10.5820e0.0005	15.8735e0.0005	15.875e0.005	31.745e0.005	52.910e0.005	79.365e0.005	105.820e0.005	158.735e0.005
Counting Mode	Max. count	12,000 pcs	20,000 pcs	30,000 pcs	40,000 pcs	60,000 pcs	6,000 pcs	12,000 pcs	20,000 pcs	30,000 pcs	40,000 pcs
	Min. unit weight	0.01 g					0.1 g				
	No. of samples	5, 10, 25, 50 or 100 pieces									
Percent Mode	Min. div.	0.1%									
	Min. 100% weight	1 g					10 g				
Linearity	±0.01 g		±0.02 g			±0.1 g			±0.2 g		
Repeatability / Std. Dev.	0.01 g					0.1 g					
Sensitivity Drift	20ppm / C(10C-30C / 50F-86F)										
Display Type	7 segment LCD with backlight (character height 16mm)										
Display Refresh	10 times / second										
Pan size (W) x (D)	Ø130mm / 4.3inches						133 x 170mm / 5.2 x 6.7inches				
Physical Dimensions (mm)	190(W) x 218(D) x 55(H)						190(W) x 218(D) x 53(H)				
Physical Dimensions (inches)	7.5(W) x 8.6(D) x 2.2(H)						7.5(W) x 8.6(D) x 2.1(H)				
Admissible Ambient Temperature	-10C-40C / 14F-104F, less than 85% R.H. (non-condensing)										
Weight (approx.)	1.1 kg					1.3 kg			1.5 kg		
Calibration Mass (default setting)	120 g	200 g	300 g	400 g	600 g	600 g	1200 g	2000 g	3000 g	4000 g	6000 g
Power	AC adapter or Ni-MH battery pack (option)										
Standard Accessories	Manual, AC adapter										

	EK-6000i	EK-12Ki	EW-150i			EW-1500i			EW-12Ki		
Gram (g)	6000e1	12000e1	30e0.01	60e0.02	150e0.05	300e0.1	600e0.2	1500e0.5	3000e1	6000e2	12000e5
Decimal Ounce (avo) (oz)	211.65e0.05	423.30e0.05	1.0580e0.0005	2.116e0.001	5.292e0.002	10.580e0.005	21.166e0.01	52.92e0.02	105.80e0.05	211.6e0.1	423.2e0.2
Decimal Pound (avo) (lb)	13.230e0.005	26.455e0.005	—	—	—	0.6615e0.0005	1.323e0.001	3.306e0.002	6.615e0.005	13.230e0.01	26.46e0.02
Troy Ounce (ozt)	192.90e0.05	385.80e0.05	0.9645e0.0005	1.929e0.001	4.822e0.002	9.645e0.005	19.29e0.01	48.22e0.02	96.45e0.05	192.9e0.1	385.8e0.2
Pennyweight (dwt)	3858e1	7716e1	19.29e0.01	38.58e0.02	96.45e0.05	192.9e0.1	385.8e0.2	964.5e0.5	1929e1	3858e2	7715e5
Carat (ct)	—	—	150.00e0.05	300.0e0.1	750.0e0.2	1500.0e0.5	3000e1	7500e2	—	—	—
Millimetre (mm)	1600.0e0.5	3200.0e0.5	8.000e0.005	16.00e0.01	40.00e0.02	80.00e0.05	160.0e0.1	400e0.2	800e0.5	1600e1	3200e2
Grain Unit (GN)	—	—	463.0e0.2	926.0e0.5	2315e1	4630e2	9260e5	23150e10	—	—	—
Tare (H.K. General) (t)	158.75e0.05	317.45e0.05	0.7935e0.0005	1.5870e0.001	3.968e0.002	7.935e0.005	15.87e0.01	39.68e0.02	79.35e0.05	158.7e0.1	317.4e0.2
Counting Mode	Max. count	6,000 pcs	12,000 pcs	15,000 pcs			15,000 pcs			12,000 pcs	
	Min. unit weight	1 g		0.01 g			0.1 g			1 g	
	No. of samples	5, 10, 25, 50 or 100 pieces									
Percent Mode	Min. div.	0.1%									
	Min. 100% weight	100 g		1 g			10 g			100 g	
Linearity	+1 g	+0.01 g	+0.02 g	+0.05 g	+0.1 g	+0.2 g	+0.5 g	+1 g	+2 g	+5 g	
Repeatability / Std. Dev.	1 g		0.01 g			0.1 g			1 g		5 g
Sensitivity Drift	20ppm / C(10C-30C / 50F-86F)										
Display Type	7 segment LCD with backlight (character height 16mm)										
Display Refresh	10 times / second										
Pan size (W) x (D)	133 x 170 mm / 5.2 x 6.7 inches			Ø130mm / 4.3inches			133x170 mm / 5.2x6.7 inches				
Physical Dimensions (mm)	190(W) x 218(D) x 53(H)			190(W) x 218(D) x 55(H)			190(W) x 218(D) x 53(H)				
Physical Dimensions (inches)	7.5(W) x 8.6(D) x 2.1(H)			7.5(W) x 8.6(D) x 2.2(H)			7.5(W) x 8.6(D) x 2.1(H)				
Admissible Ambient Temperature	-10C-40C / 14F-104F, less than 85% R.H. (non-condensing)										
Weight (approx.)	1.5 kg			1.3 kg			1.5 kg			1.5 kg	
Calibration Mass (default setting)	6000 g	12 kg	150 g			1500 g			12 kg		
Power	AC adapter or Ni-MH battery pack (option)										
Standard Accessories	Manual, AC adapter										

Specifications are subject to change for improvement without notice.

Options

- EKW-04i★ Comparator/Relay Output
- EKW-07i Underhook (for EK-4100i/6100i/6000i/12Ki, EW-12Ki only)
- EKW-09i★ Rechargeable Battery Pack (Ni-MH)
- CC-106 Carrying Case
- EKW-29i★ Bluetooth® 

Accessories

- AD-8121B Dot Matrix Compact Printer
- AD-8118B Universal Printer
- AD-8920 External Display
- AX-3005824-5S Protective Cover (5pcs.)
- ★ EKW-04i and EKW-09i cannot be used simultaneously.
- ★ EKW-29i and EKW-09i cannot be used simultaneously.

