

Everest Series Compact Balances



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- Large LCD display (16mm height) with back light
- Control zero, mode selection and data output with standard RS-232C
- Triple Range weighing
- Counting function with Automatic Counting Accuracy Improvement
- Standard comparator function--HI/OK/LO annunciator
- Full Digital Calibration with optional user definable mass setting
- Conformity to GLP with I.D. and serial number outputs
- Auto Power OFF
- 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
- Security ring to prevent theft
- Stainless steel weighing pan
- NTEP Approval Legal-For-Trade (*selected models)



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Part Number	Description
AD-100-2	Anti-Theft Device
EKW-04i	Comparator/Relay Outputs/Buzzer
EKW-07i	Underhook for 6000i and EK-12Ki
EKW-09i	NiCd Battery Pack
CC:106	Carrying Case
TB:163	AC Adapter
TB:164	AC Adapter (220V)
AX:3005824-5S	Protective cover - Pack of 5

Capacity/Resolution	EK-120i	EK-200i	EK-300i	EK-410i	EK-610i	EK-600i*
Gram (g)	120x0.01	200x0.01	300x0.01	400x0.01	600x0.01	600x0.1
Decimal Ounce (av) (oz)	4.2330x0.0005	7.0550x0.0005	10.5820x0.0005	14.110x0.001	21.164x0.001	21.165x0.005
Decimal Pound (av) (lb)	-	-	-	0.8818x0.0001	1.3228x0.0001	1.3230x0.0005
Troy Ounce (ozt)	3.8580x0.0005	6.4300x0.0005	9.6450x0.0005	12.860x0.001	19.290x0.001	19.290x0.005
Pennyweight (dwt)	77.16x0.01	128.60x0.01	192.90x0.01	257.21x0.01	385.81x0.01	385.8x0.1
Carat (ct)	600.00x0.05	1000.00x0.05	1500.00x0.05	2000.0x0.1	3000.0x0.1	3000.0x0.5
Momme (mom)	32.000x0.005	53.335x0.005	80.000x0.005	106.665x0.005	160.000x0.005	160.00x0.05

Grain Unit (GN)	1851.8x0.2	3086.4x0.2	4629.8x0.2	6173.0x0.2	9259.4x0.2	92594x2	
Tael (H.K General) (tl)	3.1745x0.0005	5.2910x0.0005	7.9365x0.0005	10.5820x0.0005	15.8735x0.0005	15.875x0.005	
Counting Mode	Max. count	12,000 pcs	20,000 pcs	30,000 pcs	40,000 pcs	60,000 pcs	6,000 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	
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)	Ø110mm/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	
Calibration Mass (default setting)	120g	200 g	300 g	400 g	600 g	600 g	
Power	AC adapter or Ni-MH battery pack (option)						
Standard Accessories	Manual, AC adapter						

Capacity/Resolution	EK-1200i*	EK-2000i	EK-3000i	EK-4100i	EK-6100i	EK-6000i*	EK-12Ki*	
Gram (g)	1200x0.1	2000x0.1	3000x0.1	4000x0.1	6000x0.1	6000x1	12000x1	
Decimal Ounce (av) (oz)	42.330x0.005	70.550x0.005	105.820x0.005	141.10x0.01	211.64x0.01	211.65x0.05	423.30x0.05	
Decimal Pound (av) (lb)	2.6455x0.0005	4.4090x0.0005	6.6140x0.0005	8.818x0.001	13.228x0.001	13.230x0.005	26.455x0.005	
Troy Ounce (ozt)	38.580x0.005	64.300x0.005	96.450x0.005	128.60x0.01	192.90x0.01	192.90x0.05	385.80x0.05	
Pennyweight (dwt)	771.6x0.1	1286.0x0.1	1929.0x0.1	2572.1x0.1	3858.1x0.1	3858x1	7716x1	
Carat (ct)	6000.0x0.5	10000.0x0.5	15000.0x0.5	20000x1	30000x1	-	-	
Momme (mom)	320.00x0.05	533.35x0.05	800.00x0.05	1066.65x0.05	1600.00x0.05	1600.0x0.5	3200.0x0.5	
Grain Unit (GN)	18518x2	30864x2	46298x2	61730x2	92594x2	-	-	
Tael (H.K General) (tl)	31.745x0.005	52.910x0.005	79.365x0.005	105.820x0.005	158.735x0.005	158.75x0.05	317.45x0.05	
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
	Min. unit weight	0.1 g					1 g	
	No. of samples	5, 10, 25, 50 or 100 pieces						
Percent Mode	Min. div.	0.1%						
	Min.100% weight	10 g				100 g		
Linearity	±0.1 g		±0.2 g			±1 g		
Repeatability/Std.Dev.	0.1 g					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)	133 x 170mm/5.2 x 6.7inches							

Physical Dimensions (mm)	190(W) x 218(D) x 53(H)					
Physical Dimensions (inches)	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					
Calibration Mass (default setting)	1200 g	2000 g	3000 g	4000 g	6000 g	12 kg
Power	AC adapter or Ni-MH battery pack (option)					
Standard Accessories	Manual, AC adapter					