

# EJ Newton Series

Compact Balances

Capacity: 120g-6,100g    Readability: 0.001 g

BALANCES



EJ-200



EJ-2000

## Standard Features

- Easy-to-read seven segment LCD display with backlight
- 10 units of measurement
- Battery operated (4 AA not included)
- Selectable modes: weight, count, percentage and specific gravity
- 115VAC adapter included (230VAC optional)

## Specifications

	EJ-123 <sup>^</sup>	EJ-120	EJ-200	EJ-300	EJ-410	EJ-610	
Part#	163274	112410	112411	112412	112413	112414	
List Price	\$530.00	\$280.00	\$340.00	\$400.00	\$435.00	\$575.00	
Capacity	120 g	120 g	210 g	310 g	410 g	610 g	
Resolution	0.001 g	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	
Operating Modes	Specific Gravity, Counting, Percentage, Checkweighing						
Repeatability	0.003 g	0.01 g					
Linearity	0.003 g	±0.01 g			±0.02 g		
Sensitivity Drift	20 ppm/°C 50° F to 86° F (10° C to 30° C)						
Display Type	7 segment LCD with backlight (character height 16 mm)						
Operating Temperature	14° F to 104° F (-10° C to 40° C) less than 85% R.H. (non-condensing)						
Pan Size W x D	Ø 4.3 in (110 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.)	850 g						
Calibration Mass (default setting)	100 g	100 g	200 g	300 g	400 g	600 g	
Power	120VAC adapter (4 AA size dry-cell batteries - 70 hours operation)						
Warranty	Five-year Limited Warranty						
Return Policy	A&D Weighing Standard Policy - restock fee may apply						
UNIT OF MEASURE	Decimal Ounce	4.233 x 0.0001 oz	4.233 x 0.001 oz	7.408 x 0.001 oz	10.935 x 0.001 oz	14.462 x 0.001 oz	21.517 x 0.001 oz
	Decimal Pound	N/A	N/A	N/A	N/A	0.9039 x 0.0001 lb	1.3448 x 0.0001 lb
	Troy Ounce	3.858 x 0.0001 ozt	3.858 x 0.001 ozt	6.752 x 0.001 ozt	9.967 x 0.001 ozt	13.182 x 0.001 ozt	19.612 x 0.001 ozt
	Pennyweight	77.16 x 0.001 dwt	77.16 x 0.01 dwt	135.03 x 0.01 dwt	199.33 x 0.01 dwt	263.64 x 0.01 dwt	392.24 x 0.01 dwt
	Carat	600.00 x 0.005 ct	600.00 x 0.05 ct	1,050.00 x 0.05 ct	1,550.00 x 0.05 ct	2,050.0 x 0.05 ct	3,050.0 x 0.05 ct
	Momme	N/A	32.000 x 0.005 mom	56.000 x 0.005 mom	82.665 x 0.005 mom	109.335 x 0.005 mom	162.665 x 0.005 mom
	Grain Unit	1,851.8 x 0.2 GN	1,851.8 x 0.2 GN	3,240.8 x 0.2 GN	4,784.0 x 0.2 GN	6,327.2 x 0.2 GN	9,413.8 x 0.2 GN
	Tael (HK General)	N/A	3.1745 x 0.0005 TL	5.5555 x 0.0005 TL	8.2010 x 0.0005 TL	10.8465 x 0.0005 TL	16.1380 x 0.0005 TL
	Tola	N/A	10.288 x 0.001 to	18.004 x 0.001 to	26.578 x 0.001 to	35.151 x 0.001 to	52.299 x 0.001 to

<sup>^</sup>Weighing Chamber

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## Specifications

	EJ-1500	EJ-2000	EJ-3000	EJ-4100	EJ-6100	
Part#	112415	112416	112417	112418	112419	
List Price	\$275.00	\$330.00	\$400.00	\$460.00	\$515.00	
Capacity	1,500 g	2,100 g	3,100 g	4,100 g	6100 g	
Resolution	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g	
Operating Modes	Specific Gravity, Counting, Percentage, Checkweighing					
Repeatability	0.1 g					
Linearity	±0.1 g		±0.2 g			
Sensitivity Drift	20 ppm/°C 50° F to 86° F (10° C to 30° C)					
Display Type	7 segment LCD with backlight (character height 16 mm)					
Operating Temperature	14° F to 104° F (-10° C to 40° C) less than 85% R.H. (non-condensing)					
Pan Size W x D	5 x 5.5 in (127 x 140 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.)	1,100 g					
Calibration Mass (default setting)	1,500 g	2,000 g	3,000 g	4,000 g	6,000 g	
Power	120VAC adapter (4 AA size dry-cell batteries-70 hours operation)					
Warranty	Five-year Limited Warranty					
Return Policy	A&D Weighing Standard Policy - restock fee may apply					
UNIT OF MEASURE	Decimal Ounce	52.91 x 0.01 oz	74.08 x 0.01 oz	109.35 x 0.01 oz	144.62 x 0.01 oz	215.17 x 0.01 oz
	Decimal Pound	3.307 x 0.001 lb	4.630 x 0.001 lb	6.834 x 0.001 lb	9.039 x 0.001 lb	13.4488 x 0.001 lb
	Troy Ounce	48.23 x 0.01 ozt	67.52 x 0.01 ozt	99.67 x 0.01 ozt	131.82 x 0.01 ozt	196.12 x 0.01 ozt
	Pennyweight	964.5 x 0.1 dwt	1,350.3 x 0.1 dwt	1,993.3 x 0.1 dwt	2,636.4 x 0.1 dwt	3,922.4 x 0.1 dwt
	Carat	-	-	-	-	-
	Momme	4,000.00 x 0.05 mom	560.00 x 0.05 mom	826.65 x 0.05 mom	1,093.35 x 0.05 mom	1,626.65 x 0.05 mom
	Grain Unit	23,148 x 2 GN	32,408 x 2 GN	47,840 x 2 GN	63,272 x 2 GN	94,138 x 2 GN
	Tael (HK General) tola	39.685 x 0.005TL 128.6 x 0.01 to	55.555 x 0.005TL 180.04 x 0.01 to	82.01 x 0.005TL 265.78 x 0.01 to	108.465 x 0.005TL 351.51 x 0.01 to	161.380 x 0.005TL 522.99 x 0.01 to

## Part Number/Price

Part#	Model #	Description	Price
163274	EJ-123	120 g x 0.001 g	\$530.00
112410	EJ-120	120 g x 0.01 g	\$280.00
112411	EJ-200	210 g x 0.01 g	\$340.00
112412	EJ-300	310 g x 0.01 g	\$400.00
112413	EJ-410	410 g x 0.01 g	\$435.00
112414	EJ-610	610 g x 0.01 g	\$575.00
112415	EJ-1500	1500 g x 0.1 g	\$275.00
112416	EJ-2000	2100 g x 0.1 g	\$330.00
112417	EJ-3000	3100 g x 0.1 g	\$400.00
112418	EJ-4100	4100 g x 0.1 g	\$460.00
112419	EJ-6100	6100 g x 0.1 g	\$515.00

## Options/Accessories

Part#	A&D Model #	Description	Price
112426	EJ-02	USB interface with cable	\$65.00
112427	EJ-03	RS-232 interface with cable	\$65.00
112428	EJ-07	Underhook for EJ-3000, EJ-4100 and EJ-6100	\$65.00
112429	EJ-08	Underhook for EJ-1500 and EJ-2000	\$65.00
112430	EJ-11	Breeze break	\$75.00
112431	EJ-12	Carrying case	\$43.00
112432	EJ-13	Density determination kit	\$53.00
97766	TB:662	AC adapter, 120V	\$43.00
97767	TB:164	AC adapter, 220V	\$55.00
151247	AD-1688	Data logger	\$304.00