



Standard Features

- Compact Super Hybrid Sensor Technology (SHS)
- Vacuum Fluorescent Display (VFD)
- GLP/GMP/ISO compliant to either AD-8121 printer or computer. Transmits date, time, ID number, serial number and calibration data
- RS-232C bidirectional communication
- Multiple units of measurement
- Response indicator function
- Underhook weighing

Note: FX-i NTEP Certified and FX-i models available by special order (internal calibration)

APPROVALS



Measurement
Canada
Approved

Optional Features

- Built-in rechargeable battery
- Quick USB interface (FXi-02) option
- LAN-Ethernet interface
- WinCT® communication tools software

Specifications

	FX-120i [^]	FX-200i [^]	FX-300i [^]	FX-300iNC [^]
Part #	98021	98022	98023	—
List Price	\$1,065.00	\$1,100.00	\$1,160.00	—
Canada Part #	—	—	—	168077
Canada List Price	—	—	—	\$1,210.00
Capacity	122 g	220 g	320 g	320 g
Resolution	0.001 g	0.001 g	0.001 g	0.001 g
Operating Modes	Weigh, Count, Percent, Animal Weigh, Statistical, Hold and Comparator			
Repeatability	0.001 g			
Linearity	±0.002 g			
Stabilization Time	Approx. 1 second			
Sensitivity Drift	±2ppm/° C			
Display Refresh Rate	5 times / second, 10 times / second or 20 times / second			
Operating Temperature	41° F to 104° F (5° C to 40° C) 85% RH or less (No condensation)			
Pan Size	130 mm (5.12 in)			
Dimensions	(W x D x H) 7.6 x 10.3 x 3.3 in (193 x 262.5 x 84.5 mm)			
Weight	Approx. 2.5 kg			
Est Ship Weight	8 lb (3.5 kg)			
External Calibration (weight optional)	100 g	200 g	300 g	300 g
Power Consumption	120/240V AC adapter, approx. 11 VA			
Approvals	-	-	-	e=0.01g, AM-5692
Warranty	Five-year Limited Warranty			
Return Policy	A&D Weighing Standard Policy - restock fee may apply			
UNIT OF MEASURE Decimal Ounce	4.30 x 0.00005 oz	7.76 x 0.00005 oz	11.28 x 0.00005 oz	
Pound	0.268 x 0.000005 lb	0.485 x 0.000005 lb	0.705 x 0.000005 lb	
Pound x Ounce	0 lb, 4.30 oz x 0.01 oz	0 lb, 7.76 oz x 0.01 oz	0 lb, 11.29 oz x 0.01 oz	
Troy Ounce	3.92 x 0.00005 ozt	7.07 x 0.00005 ozt	10.28 x 0.00005 ozt	
Carat	610 x 0.005 ct	1,100 x 0.005 ct	1,600 x 0.005 ct	
Pennyweight	78.6 x 0.001 dwt	141.7 x 0.001 dwt	206.2 x 0.001 dwt	
Grain Unit	1,882 x 0.02 GN	3,395 x 0.02 GN	4,938 x 0.02 GN	

[^]Weighing Chamber

Specifications

	FX-1200i	1200iNC	FX-2000i	FX-3000i
Part#	98024	—	98025	98026
List Price	\$1,100.00	—	\$1,150.00	\$1,190.00
NTEP	Part#	163641	—	—
	List Price	\$1,150.00	—	—
Canada	Part#	—	168076	—
	List Price	—	\$1,150.00	—
Capacity	1,220g	1,220g	2,200g	3,200g
Resolution	0.01 g	0.01 g	0.01 g	0.01 g
Operating Modes	Weigh, Count, Percent, Animal Weigh, Statistical, Hold and Comparator			
Repeatability	0.01 g			
Linearity	±0.02 g			
Stabilization Time	Approx. 1 second			
Sensitivity Drift	±2 ppm/° C			
Display Refresh Rate	5 times / second, 10 times / second or 20 times / second			
Operating Temperature	41° F to 104° F (5° C to 40° C) 85% RH or less (No condensation)			
Pan Size	150 mm (5.90 in)			
Dimensions	(W x D x H) 7.6 x 10.3 x 3.3 in (193 x 262.5 x 84.5 mm)			
Weight	Approx. 2.5 kg			
Est Ship Weight	8 lb (3.5 kg)			
External Calibration (weight optional)	1,000g	1,000g	2,000g	3,000g
Power Consumption	120/240V AC adapter, approx. 11 VA			
Approvals	NTEP 08-045 e=0.1g (PN 163641 only)	e=0.1g, AM-5692		
Warranty	Five-year Limited Warranty			
Return Policy	A&D Weighing Standard Policy - restock fee may apply			
UNIT OF MEASURE	Decimal Ounce	4.30 x 0.00005 oz	77.6 x 0.0005 oz	112.8 x 0.0005 oz
	Pound	0.268 x 0.000005 lb	4.85 x 0.00005 lb	7.05 x 0.00005 lb
	Pound x Ounce	0 lb, 4.30 oz x 0.01 oz	4 lb, 13.60 oz x 0.01 oz	7 lb, 0.88 oz x 0.01 oz
	Troy Ounce	3.92 x 0.00005 ozt	70.7 x 0.0005 ozt	102.8 x 0.0005 ozt
	Carat	610 x 0.005 ct	11,000 x 0.05 ct	16,000 x 0.05 ct
	Pennyweight	78.6 x 0.001 dwt	1,417 x 0.01 dwt	2,062 x 0.01 dwt
	Grain Unit	1,882 x 0.02 GN	33,951 x 0.2 GN	49,383 x 0.2 GN

^Weighing Chamber

Part Number/Price

Part #	Model #	Description	Price
98021	FX-120i	122 g x 0.001 g	\$1,065.00
98022	FX-200i	220 g x 0.001 g	\$1,100.00
98023	FX-300i	320 g x 0.001 g	\$1,160.00
168077	FX-300iNC	320 g x 0.001 g, Canada grams only	\$1,210.00
98024	FX-1200i	1,220 g x 0.01 g	\$1,100.00
163641	FX-1200iN	1,220 g x 0.01 g	\$1,150.00
168076	FX-1200iNC	1,220 g x 0.01 g, Canada grams only	\$1,150.00
98025	FX-2000i	2,200 g x 0.01 g	\$1,150.00
98026	FX-3000i	3,200 g x 0.01 g	\$1,190.00

Options/Accessories

Part #	A&D Model #	Description	Price
98027*	FXi-02	Quick USB interface	\$87.00
98028*	FXi-08	Ethernet interface with WinCT® Plus software	\$480.00
98029*	FXi-09	Built-in rechargeable battery	\$320.00
98030	FXi-10	Small breeze break	\$77.00
98031	FXi-11	Large breeze break	\$130.00
97649	TB-648	AC adapter (120V/220V)	\$43.00
151247	AD-1688	Data logger	\$304.00
158785	AD-8121B	Dot matrix statistical printer	\$891.00

*Options FXi-02/FXi-08 and FXi-09 cannot be combined and are factory installed only.



Standard Features

- Washdown IP65 rating
- Compact Super Hybrid Sensor Technology (SHS)
- Vacuum Fluorescent Display (VFD)
- GLP/GMP/ISO compliant to either AD-8121 printer or computer. Transmits date, time, ID number, serial number and calibration data
- RS-232C bidirectional communication
- Multiple units of measurement
- Response indicator function
- Underhook weighing

Optional Features

- Optional built-in rechargeable battery
- LAN-Ethernet interface
- WinCT[®] communication tools software

Specifications

	FX-120iWP [^]	FX-200iWP [^]	FX-300iWP [^]	FX-1200iWP	FX-2000iWP	FX-3000iWP	
Part#	102905	102906	102907	102908	102909	102910	
List Price	\$1,485.00	\$1,565.00	\$1,670.00	\$1,480.00	\$1,565.00	\$1,665.00	
Capacity	122 g	220 g	320 g	1,220 g	2,200 g	3,200 g	
Resolution	0.001 g	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g	
Repeatability		0.001 g			0.01 g		
Linearity		±0.002 g			±0.02 g		
Stabilization Time	Approx. 1 second						
Sensitivity Drift	±2 ppm/° C						
Display Refresh Rate	5 times / second, 10 times / second or 20 times / second						
Operating Temperature	41° F to 104° F (5° C to 40° C) 85% RH or less (No condensation)						
Pan Size	Ø 5.12 in (130 mm)			Ø 5.90 in (150 mm)			
Dimensions	(W x D x H) 6 x 10.3 x 3.3 in (193 x 262.5 x 84.5 mm)						
Weight	Approx. 2.5 kg						
Est Ship Weight	8 lb (3.5 kg)						
External Calibration (weight optional)	100 g	200 g	300 g	1,000 g	2,000 g	3,000 g	
Power Consumption	120/240VAC adapter, approx. 11 VA						
Warranty	Five-year Limited Warranty						
Return Policy	A&D Weighing Standard Policy - restock fee may apply						
UNIT OF MEASURE	Decimal Ounce	4.30 x 0.00005 oz	7.76 x 0.00005 oz	11.28 x 0.00005 oz	43.0 x 0.0005 oz	77.6 x 0.0005 oz	112.8 x 0.0005 oz
	Pound	0.268 x 0.000005 lb	0.485 x 0.000005 lb	0.705 x 0.000005 lb	2.68 x 0.00005 lb	4.85 x 0.00005 lb	7.05 x 0.00005 lb
	Pound x Ounce	0 lb, 4.30 oz x 0.01 oz	0 lb, 7.76 oz x 0.01 oz	0 lb, 11.29 oz x 0.01 oz	2 lb, 11.03 oz x 0.01 oz	4 lb, 13.60 oz x 0.01 oz	7 lb, 0.88 oz x 0.01 oz
	Troy Ounce	3.92 x 0.00005 ozt	7.07 x 0.00005 ozt	10.28 x 0.00005 ozt	39.2 x 0.0005 ozt	70.7 x 0.0005 ozt	102.8 x 0.0005 ozt
	Carat	610 x 0.005 ct	1,100 x 0.005 ct	1,600 x 0.005 ct	6,100 x 0.05 ct	11,000 x 0.05 ct	16,000 x 0.05 ct
	Pennyweight	78.6 x 0.001 dwt	141.7 x 0.001 dwt	206.2 x 0.001 dwt	786 x 0.01 dwt	1,417 x 0.01 dwt	2,062 x 0.01 dwt
	Grain Unit	1,882 x 0.02 GN	3,395 x 0.02 GN	4,938 x 0.02 GN	18,827 x 0.2 GN	33,951 x 0.2 GN	49,383 x 0.2 GN

[^]Weighing Chamber

Part Number/Price

Part #	Model #	Description	Price
102905	FXi-120iWP	122 g x 0.001 g	\$1,485.00
102906	FXi-200iWP	220 g x 0.001 g	\$1,565.00
102907	FXi-300iWP	320 g x 0.001 g	\$1,670.00
102908	FXi-1200iWP	1,220 g x 0.01 g	\$1,480.00
102909	FXi-2000iWP	2,200 g x 0.01 g	\$1,565.00
102910	FXi-3000iWP	3,200 g x 0.01 g	\$1,665.00

Options/Accessories

Part #	A&D Model #	Description	Price
98027*	FXi-02	Quick USB interface	\$87.00
98028*	FXi-08	Ethernet interface with WinCT® Plus software	\$480.00
98029*	FXi-09	Built-in rechargeable battery	\$320.00
98030	FXi-10	Small breeze break	\$77.00
98031	FXi-11	Large breeze break	\$130.00
97649	TB:648	AC adapter (120V/220V)	\$43.00

*Options FXi-02/FXi-08 and FXi-09 cannot be combined and are factory installed only.



Standard Features

- Can be easily and safely installed; requires no high-voltage wiring
- Eliminates static charges from quickly running or highly electrified work pieces
- Little or no reverse charge is induced by irradiated ions because of its excellent ion polarity or the potential of the charged object
- Achieves static elimination with a huge degree of efficiency regardless of the polarity or the potential of the charged object
- Suited for static elimination in narrow and remote places because of its lengthy ion irradiation distance
- Produces only a little amount of ozone thanks to its high ion generation efficiency
- A current limiting circuit is incorporated in the ion generating electrode to reduce the possibility of electric shock
- No swing in surface potential of the charged object

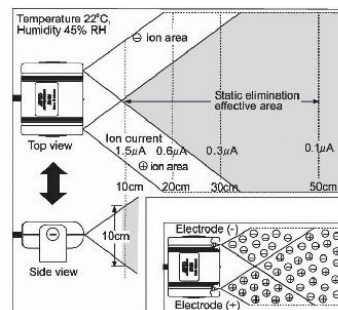
Specifications

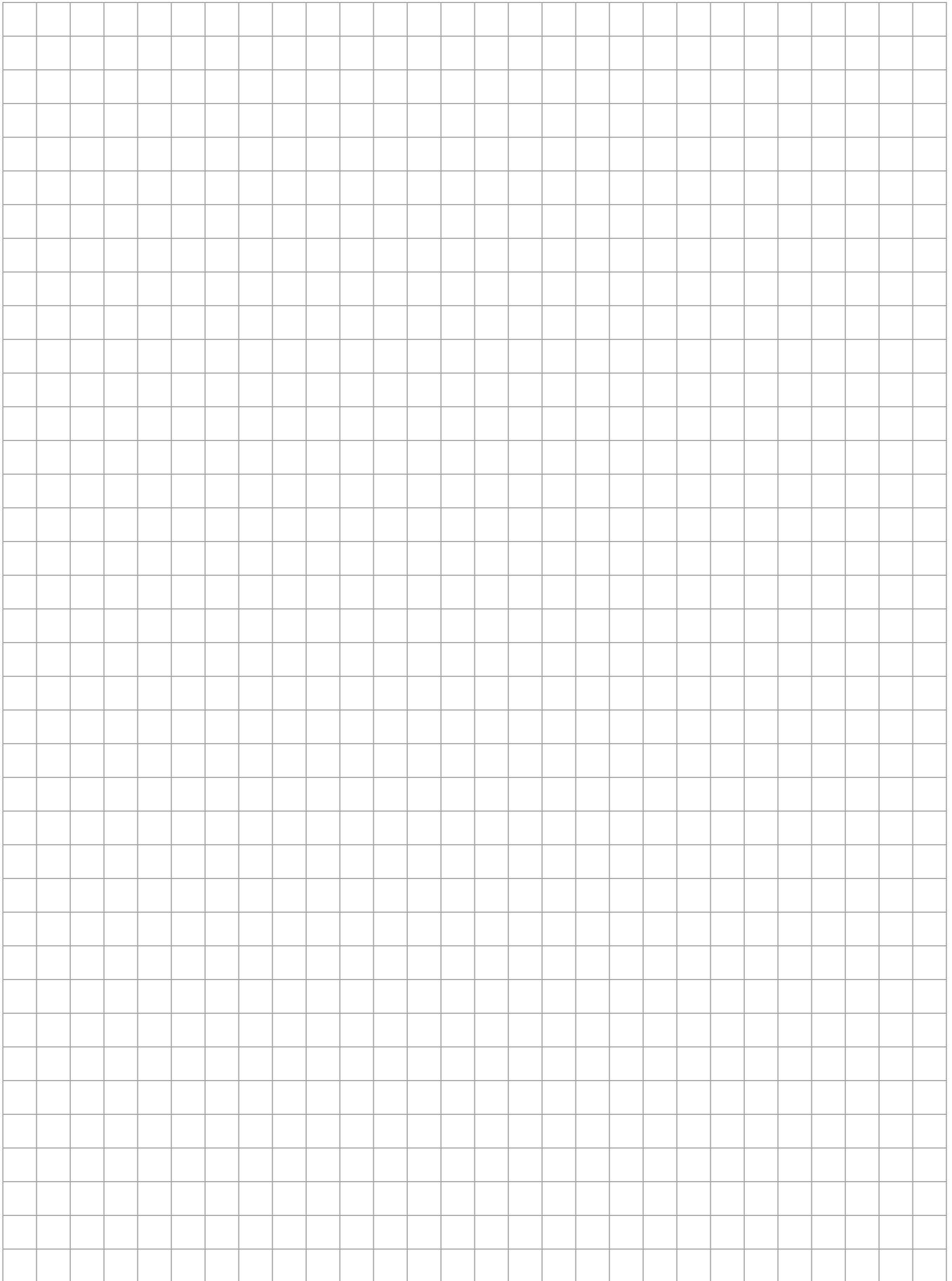
AD-1683	
Part #	97610
List Price	\$1,256.00
Elimination Range	Distance: 10 cm to 30 cm from the electrode area: 30 cm x 30 cm
Static Elimination Method	DC corona discharge DUAL-DC
Static Eliminating Electrode	Tungsten emitter
Environmental Conditions	-5° C to 40° C, 35% to 85%RH (non-condensing)
Weight	300 g
Power	100-240V AC, 50/60 Hz, 1.5V AC
Warranty	One-year Limited Warranty
Return Policy	A&D Weighing Standard Policy - restock fee may apply

Part Number/Price

Part #	Model #	Description	Price
97610	AD-1683	Static eliminator, balance accessory	\$1,256.00

(Below) Example of AD-1683 installation showing static elimination area and an example of ion generation





EJ Newton Series

Compact Balances

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



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 [^]	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

[^]Weighing Chamber

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

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	\$1,550.00	\$1,550.00	\$1,550.00
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	423.2 x 0.2 oz
	Decimal Pound	0.6615 x 0.0005 lb	26.46 x 0.02 lb
	Troy Ounce	9.645 x 0.005 ozt	385.8 x 0.2 ozt
	Pennyweight	192.9 x 0.1 dwt	7715 x 5 dwt
	Carat	1500 x 0.5 ct	–
	Momme	80.00 x 0.05 mom	3200 x 2 mom
	Grain Unit	4,630 x 2 GN	–
	Newtons	2.942 x 0.0001 N	117.68 x 0.01 N

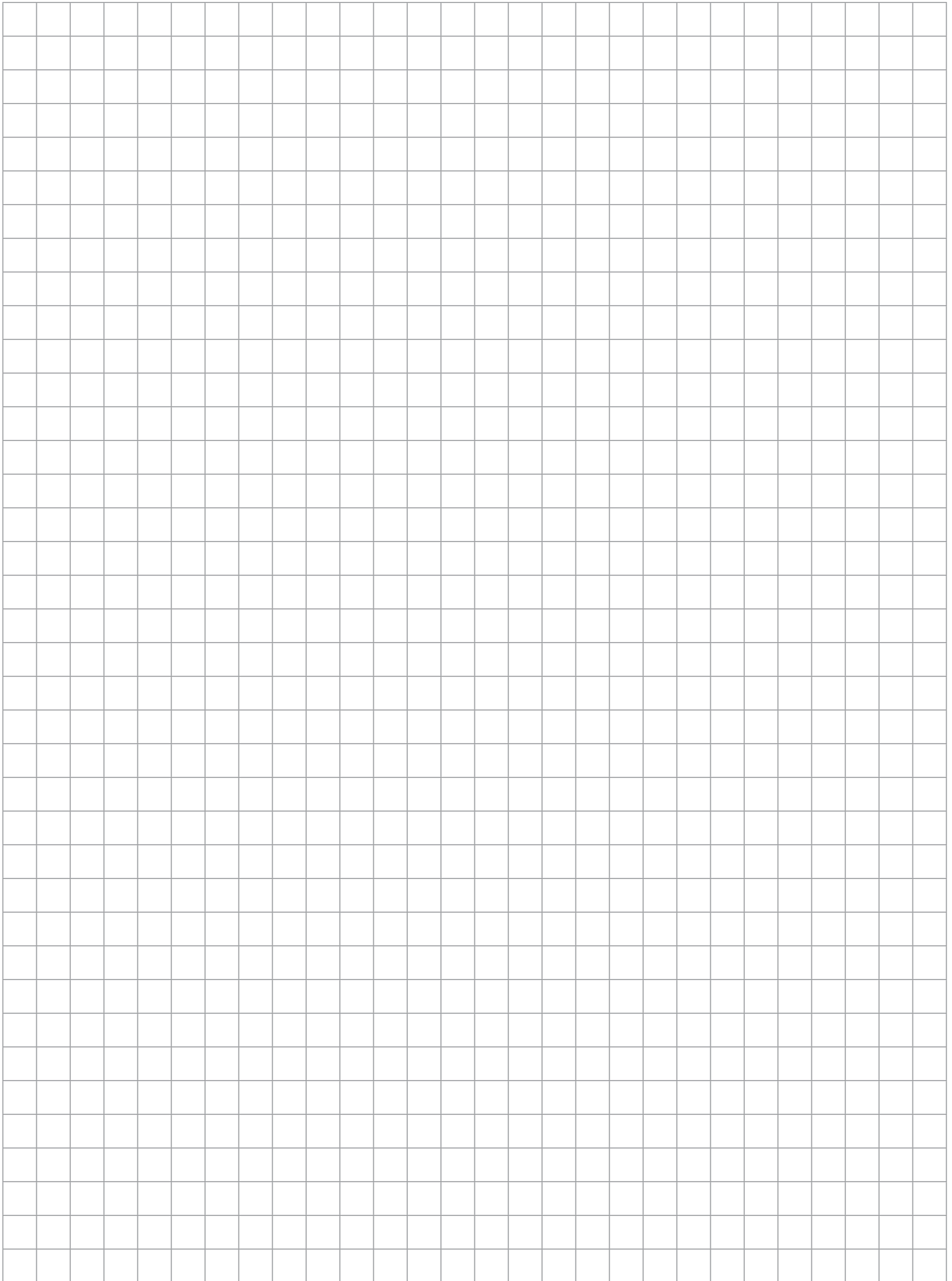
*Battery life determined with backlight off with four AA batteries. The EK-EP must be used with any of the following to maintain FM integrity: Duracell AA alkaline MN 1500 LR6, Energizer AA E91 alkaline LR6 AM3, Panasonic AA alkaline LR6 (XJ). Do not mix type or new/used batteries.

Part Number/Price

Part#	Model#	Description	Price
177693	EK-300EP	300 g x 0.01 g	\$1,550.00
177694	EK-3000EP	3000 g x 0.1 g	\$1,550.00
177695	EK-12KEP	12 kg x 1 g	\$1,550.00

Options/Accessories

Part#	A&D Model#	Description	Price
177696	EJ-12	Carrying case	\$65.00





Standard Features

- Backlit weight display
- Remote zeroing
- Easy to install NiCAD battery option
- 9 weighing modes
- RS-232C bidirectional interface

APPROVALS



Specifications

	EK-120i	EK-200i	EK-300i	EK-410i	EK-610i	EK-600i	EK-1200i
Part#	97747	97748	97749	97750	97751	-	-
List Price	\$520.00	\$550.00	\$575.00	\$645.00	\$750.00	-	-
NTEP Part#	-	-	-	-	-	97752	97753
NTEP List Price	-	-	-	-	-	\$520.00	\$540.00
Approvals						NTEP CC 04-019	
Capacity	120 g	200 g	300 g	400 g	600 g	600 g	1,200 g
Resolution	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Operating Modes	Counting, Percentage						
Repeatability						0.1 g	
Linearity	±0.01 g		±0.02 g			±0.1 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)					5.2 in x 6.7 in (133 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 (1.5 kg)	
Calibration Mass (default setting)	120 g	200 g	300 g	400 g	600 g	600 g	1,200 g
Power	120VAC adapter (Optional Ni-MH battery pack)						
Warranty	Five-year Limited Warranty						
Return Policy	A&D Weighing Standard Policy - restock fee may apply						
UNIT OF MEASURE	Decimal Ounce	4.2330 x 0.0005 oz	7.0550 x 0.0005 oz	10.5820 x 0.0005 oz	14.110 x 0.001 oz	21.164 x 0.001 oz	42.330 x 0.005 oz
	Decimal Pound	-	-	-	0.8818 x 0.0001 lb	1.3228 x 0.0001 lb	2.6455 x 0.0005 lb
	Troy Ounce	3.8580 x 0.0005 ozt	6.4300 x 0.0005 ozt	9.6450 x 0.0005 ozt	12.860 x 0.001 ozt	19.290 x 0.001 ozt	38.580 x 0.005 ozt
	Pennyweight	77.16 x 0.01 dwt	128.60 x 0.01 dwt	192.90 x 0.01 dwt	257.21 x 0.01 dwt	385.81 x 0.01 dwt	771.6 x 0.1 dwt
	Carat	600.00 x 0.05 ct	1000.00 x 0.05 ct	1500.00 x 0.05 ct	2000.0 x 0.1 ct	3000.0 x 0.1 ct	6000.0 x 0.5 ct
	Momme	32.000 x 0.005 mom	53.335 x 0.005 mom	80.000 x 0.005 mom	106.665 x 0.005 mom	160.000 x 0.005 mom	320.00 x 0.05 mom
	Grain Unit	1,851.8 x 0.2 GN	3,086.4 x 0.2 GN	4,629.8 x 0.2 GN	6,173.0 x 0.2 GN	9,259.4 x 0.2 GN	18,518 x 2 GN
	Tael (HK General)	3.1745 x 0.0005 TL	5.2910 x 0.0005 TL	7.9365 x 0.0005 TL	10.5820 x 0.0005 TL	15.8735 x 0.0005 TL	31.745 x 0.005 TL

Specifications

	EK-2000i	EK-3000i	EK-4100i	EK-6100i	EK-6000i	EK-12Ki	
Part#	97754	97755	97756	97757	—	—	
List Price	\$565.00	\$605.00	\$725.00	\$885.00	—	—	
NTEP	Part#	—	—	—	97758	97759	
	List Price	—	—	—	\$565.00	\$730.00	
Capacity	2,000 g	3,000 g	4,000 g	6,000 g	6,000 g	12,000 g	
Resolution	0.1 g	0.1 g	0.1 g	0.1 g	1 g	1 g	
Operating Modes	Counting, Percentage						
Repeatability	0.1 g				1 g		
Linearity	±0.1 g				±0.2 g	±1 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	5.2 x 6.7 in (133 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.)	3.5 lb (1.5 kg)						
Calibration Mass (default setting)	2,000 g	3,000 g	4,000 g	6,000 g		12 kg	
Power	120VAC adapter (Optional Ni-MH battery pack)						
Approvals	-				NTEP CC 04-019		
Warranty	Five-year Limited Warranty						
Return Policy	A&D Weighing Standard Policy - restock fee may apply						
UNIT OF MEASURE	Decimal Ounce	70.550 x 0.005 oz	105.820 x 0.005 oz	141.10 x 0.01 oz	211.64 x 0.01 oz	211.65 x 0.05 oz	423.30 x 0.05 oz
	Decimal Pound	4.4090 x 0.0005 lb	6.6140 x 0.0005 lb	8.818 x 0.001 lb	13.228 x 0.001 lb	13.230 x 0.005 lb	26.455 x 0.005 lb
	Troy Ounce	64.300 x 0.005 ozt	96.450 x 0.005 ozt	128.60 x 0.01 ozt	192.90 x 0.01 ozt	192.90 x 0.05 ozt	385.80 x 0.05 ozt
	Pennyweight	1,286.0 x 0.1 dwt	1,929.0 x 0.1 dwt	2,572.1 x 0.1 dwt	3,858.1 x 0.1 dwt	3,858 x 1 dwt	7,716 x 1 dwt
	Carat	10,000.0 x 0.5 ct	15,000.0 x 0.5 ct	20,000 x 1 ct	30,000 x 1 ct	-	-
	Momme	533.35 x 0.05 mom	800.00 x 0.05 mom	1,066.65 x 0.05 mom	1,600.00 x 0.05 mom	1,600.0 x 0.5 mom	3,200.0 x 0.5 mom
	Grain Unit	30,864 x 2 GN	46,298 x 2 GN	61,730 x 2 GN	92,594 x 2 GN	-	-
	Tael (HK General)	52.910 x 0.005 TL	79.365 x 0.005 TL	105.820 x 0.005 TL	158.735 x 0.005 TL	158.75 x 0.05 TL	317.45 x 0.05 TL

Part Number/Price

Part #	Model #	Description	Price
97747	EK-120i	120 g x 0.01 g	\$520.00
97748	EK-200i	200 g x 0.01 g	\$550.00
97749	EK-300i	300 g x 0.01 g	\$575.00
97750	EK-410i	400 g x 0.01 g	\$645.00
97751	EK-610i	600 g x 0.01 g	\$750.00
97752	EK-600i (NTEP Certified)	600 g x 0.1 g	\$520.00
97753	EK-1200i (NTEP Certified)	1,200 g x 0.1 g	\$540.00
97754	EK-2000i	2,000 g x 0.1 g	\$565.00
97755	EK-3000i	3,000 g x 0.1 g	\$605.00
97756	EK-4100i	4,000 g x 0.1 g	\$725.00
97757	EK-6100i	6,000 g x 0.1 g	\$885.00
97758	EK-6000i (NTEP Certified)	6,000 g x 1 g	\$565.00
97759	EK-12Ki (NTEP Certified)	12,000 g x 1 g	\$730.00

Options/Accessories

Part #	A&D Model #	Description	Price
97760	EKW-04i	Comparator/relay outputs/buzzer	\$160.00
97761	EKW-07i	Underhook for EK-4100i/6100i/6000i/12Ki/EW-12Ki	\$52.00
97762	EKW-09i	NiCad battery pack	\$209.00
97764	AX:3005824-5S	Dust cover	\$13.00
97605	AD-100-2	Anti-theft device	\$73.00
97766	TB:662	AC adapter (120V)	\$43.00
97767	TB:164	AC adapter (240V)	\$55.00
151247	AD-1688	Data logger	\$304.00



EW-1500i square pan



EW-1500i round pan

Standard Features

- Backlit weight display
- Remote zeroing
- Easy-to-install NiCad battery option
- RS-232C bidirectional interface
- Counting/Percentage/Comparator modes
- Triple range

APPROVALS



Specifications

	EW-150i			EW-1500i			EW-12Ki			
Part#	97768			—			—			
List Price	\$425.00			—			—			
NTEP Part#	—			97769			97771			
NTEP List Price	—			\$425.00			\$425.00			
Capacity	30g	60g	150g	300g	600g	1,500g	3,000g	6,000g	12,000g	
Resolution	0.01g	0.02g	0.05g	0.1g	0.2g	0.5g	1g	2g	5g	
Operating Mode	Counting, Percentage									
Repeatability	0.01g	0.02g	0.05g	0.1g	0.2g	0.5g	1g	2g	5g	
Linearity	±0.01g	±0.02g	±0.05g	±0.1g	±0.2g	±0.5g	±1g	±2g	±5g	
Sensitivity Drift	20 ppm/°C (10°C to 30°C/50°F to 86°F)									
Operating temperature	14°F to 104°F (-10°C to 40°C) less than 85% R.H. (non-condensing)									
Pan Size	Ø 4.3 in (110 mm)			5.2 x 6.7 in (133 x 170 mm)						
Dimensions	(W x D x H) 7.5 x 8.6 x 2.2 in (190 x 218 x 55 mm)									
Weight	2.4 lb (1.1 kg)			3.5 lb (1.5 kg)						
Calibration Mass (default setting)	150g			1,500g			12kg			
Power	AC adapter or Ni-MH battery pack (option)									
Approvals	-			NTEP CC 04-019			NTEP CC 04-019			
Warranty	Five-year Limited Warranty									
Return Policy	A&D Weighing Standard Policy - restock fee may apply									
UNIT OF MEASURE	Decimal Ounce	1.0580 x 0.0005 oz	2.116 x 0.001 oz	5.292 x 0.002 oz	10.580 x 0.005 oz	21.16 x 0.01 oz	52.92 x 0.02 oz	105.80 x 0.05 oz	211.6 x 0.1 oz	423.2 x 0.2 oz
	Decimal Pound				0.6615 x 0.0005 lb	1.323 x 0.001 lb	3.306 x 0.002 lb	6.615 x 0.005 lb	13.23 x 0.01 lb	26.46 x 0.02 lb
	Troy Ounce	0.9645 x 0.0005 ozt	1.929 x 0.001 ozt	4.822 x 0.002 ozt	9.645 x 0.005 ozt	19.29 x 0.01 ozt	48.22 x 0.02 ozt	96.45 x 0.05 ozt	192.9 x 0.1 ozt	385.8 x 0.2 ozt
	Pennyweight	19.29 x 0.01 dwt	38.58 x 0.02 dwt	96.45 x 0.05 dwt	192.9 x 0.1 dwt	385.8 x 0.2 dwt	964.5 x 0.5 dwt	1,929 x 1 dwt	3,858 x 2 dwt	7,715 x 5 dwt
	Carat	150.00 x 0.05 ct	300.0 x 0.1 ct	750.0 x 0.2 ct	1,500.0 x 0.5 ct	3000 x 1 ct	7500 x 2 ct	-	-	-
	Momme	8.000 x 0.005 mom	16.00 x 0.01 mom	40.00 x 0.02 mom	80.00 x 0.05 mom	160.0 x 0.1 mom	400 x 0.2 mom	800 x 0.5 mom	1,600 x 1 mom	3,200 x 2 mom
	Grain Unit	463.0 x 0.2 GN	926.0 x 0.5 GN	2,315 x 1 GN	4,630 x 2 GN	9,260 x 5 GN	23,150 x 10 GN	-	-	-
	Tael (HK General)	0.7935 x 0.0005 TL	1.587 x 0.001 TL	3.968 x 0.002 TL	7.935 x 0.005 TL	15.87 x 0.01 TL	39.68 x 0.02 TL	79.35 x 0.05 TL	158.7 x 0.1 TL	317.4 x 0.2 TL

Part Number/Price

Part #	Model #	Description	Price
97768	EW-150i	30 g x 0.01 g / 60 g x 0.02 g / 150 g x 0.05 g	\$425.00
97769 (NTEP)	EW-1500i	300 g x 0.1 g / 600 g x 0.2 g / 1,500 g x 0.5 g	\$425.00
97771 (NTEP)	EW-12Ki	3,000 g x 1 g / 6,000 x 2 g / 12,000 g x 5 g	\$425.00

Options/Accessories

Part #	A&D Model #	Description	Price
97760	EKW-04i	Comparator/relay outputs/buzzer	\$160.00
97761	EKW-07i	Underhook for EK-4100i/6100i/6000i/12Ki/EW-12Ki	\$52.00
97762	EKW-09i	NiCad battery pack	\$209.00
97764	AX:3005824-5S	Protective dust cover (not in use)	\$13.00
97605	AD-100-2	Anti-theft device	\$73.00
97766	TB:662	AC adapter (120V)	\$43.00
97767	TB:164	AC adapter (240V)	\$55.00
151247	AD-1688	Data logger	\$304.00



Standard Features

- Internal calibration
- Auto environmental compensation
- IP65/NEMA Type 4
- RS-232C bidirectional interface
- Data memory function
- Multiple weighing modes
- Quick reference operation card
- Time and date
- Vacuum Fluorescent Display (VFD)
- Underhook weighing

Specifications

	GX-8K	GX-8K2	GX-10K	GX-12K	
Part#	97776	97775	97777	97778	
List Price	\$3,570.00	\$3,085.00	\$3,800.00	\$3,240.00	
Capacity	8.1 kg	8.1 kg/2.1 kg	10.1 kg	12 kg	
Resolution	0.01 g	0.1 g / 0.01 g	0.01 g	0.1 g	
Operating Modes	Counting, Percentage				
Repeatability	0.01 g	0.05 g/0.01 g	0.01 g	0.1 g	
Linearity	±0.02 g	±0.1 g/±0.02 g	±0.03 g	±0.2 g	
Sensitivity drift (-10° C to +30° C)	±2 ppm/° C	±3 ppm/° C	±2 ppm/° C	±3 ppm/° C	
Stabilization time	Approx 1.5 seconds				
Operating temperature	41° F to 104° F (-5° C to 40° C)				
Pan Size	10.62 x 8.26 in (270 x 210 mm)				
Dimensions	(W x D x H) 11.81 x 13.98 x 4.37 in (300 x 355 x 111 mm)				
Weight	18.3 lb (8.3 kg)				
External cal mass	2, 3, 4, 5, 6, 7, 8 kg		10 kg	5, 10 kg	
Power	120/240 V AC adapter				
Warranty	Five-year Limited Warranty				
Return Policy	A&D Weighing Standard Policy - restock fee may apply				
UNIT OF MEASURE	Decimal Ounces	285.7190 x 0.0005 oz	285.720 x 0.005/74.0755 x 0.0005 oz	370.4 x 0.0005 oz	423.290 x 0.0005 oz
	Troy Ounce	260.4210 x 0.0005 ozt	260.420 x 0.005/67.5165 x 0.0005 ozt	337.6 x 0.0005 ozt	385.810 x 0.0005 ozt
	Pennyweight	5,208.42 x 0.01 dwt	5,208.4 x 0.1/1350.33 x 0.01 dwt	6,751 x 0.01 dwt	7,716.2 x 0.1 dwt
	Carat	40,500.00 x 0.05 ct	40,500.0 x 0.5/10,500.00 x 0.05 ct	50,500 x 0.05 ct	60,000 x 0.5 ct
	Momme	2,160.000 x 0.005 mom	2,160.00 x 0.05/560.000 x 0.005 mom	2,800.000 x 0.005 mom	3,200.00 x 0.05 mom
	Grain	125,002.2 x 0.2 GN	125,002 x 2/32,408.0 x 0.2 GN	162,040 x 0.2 GN	185,188 x 2 GN
	Pound	17.85745 x 0.00005 lb	17.8575 x 0.0005/4.62970 x 0.00005 lb	23.15 x 0.00005 lb	26.4555 x 0.00005 lb
	Pound/Ounce	17 lb x 0.001 oz	17 lb x 0.001 oz	23 lb x 0.001 oz	26 lb x 0.01 oz

Specifications

	GX-20K	GX-30K	GX-32K	
Part#	97779	97780	97781	
List Price	\$3,495.00	\$4,045.00	\$3,140.00	
Capacity	20 kg	30 kg	30 kg/6.1 kg	
Resolution	0.1 g	0.1 g	1/0.1 g	
Operating Modes	Counting, Percentage			
Repeatability	0.1 g	0.1 g	0.5 g / 0.1 g	
Linearity	±0.2 g	±0.2 g	±1 g / ±0.2 g	
Sensitivity drift (-10 to 30° C)	±3 ppm/° C		±5ppm/° C	
Stabilization Time	Approx 1.5 seconds			
Operating Temperature	41°F - 104°F (-5°C - 40°C)			
Pan Size	10.62 x 8.26 in (270 x 210 mm)			
Dimensions	(W x D x H) 11.81 x 13.98 x 4.37 in (300 x 355 x 111 mm)			
Weight	18.3 lb (8.3 kg)			
External Cal Mass	10, 20 kg	20, 30 kg	20, 30 kg	
Power	120/240VAC adapter			
Warranty	Five-year Limited Warranty			
Return Policy	A&D Weighing Standard Policy - restock fee may apply			
UNIT OF MEASURE	Decimal Ounces	740.755 x 0.005 oz	1,093.495 x 0.005 oz	1,093.50 x 0.05/ 215.170 x 0.005 oz
	Troy Ounce	675.165 x 0.005 ozt	996.675 x 0.005 ozt	996.65 x 0.05/ 196.120 x 0.005 ozt
	Pennyweight	13,503.3 x 0.1 dwt	19,933.5 x 0.1 dwt	19,933 x 1/ 3,922.4 x 0.1 dwt
	Carat	105,000.0 x 0.5 ct	15,5000.0 x 0.5 ct	155,000 x 5/ 30,500.0 x 0.5 ct
	Momme	5,600.00 x 0.05 mom	8,266.65 x 0.05 mom	8,266.5 x 0.5/ 1,626.65 x 0.05 mom
	Grain	324,080 x 2 GN	478,404 x 2 GN	-
	Pound	46.2970 x 0.0005 lb	68.3435 x 0.0005 lb	68.345 x 0.005/ 13.4480 x 0.0005 lb
	Pound/Ounce	46 lb x 0.01 oz	68 lb x 0.01 oz	68 lb x 0.1 oz/13 lb x 0.01 oz

Part Number/Price

Part #	Model #	Description	Price
97776	GX-8K	8.1 kg x 0.01 g	\$3,570.00
97775	GX-8K2	8.1/2.1 kg x 0.1/0.01 g	\$3,085.00
97777	GX-10K	10.0 kg x 0.01 g	\$3,800.00
97778	GX-12K	12 kg x 0.1 g	\$3,240.00
97779	GX-20K	20 kg x 0.1 g	\$3,495.00
97780	GX-30K	30 kg x 0.1 g	\$4,045.00
97781	GX-32K	30/6.1 kg x 1/0.1 g	\$3,140.00

Options/Accessories

Part #	A&D Model #	Description	Price
97782	GX-04K*	Comparator/output and RS-232C/20 mA interface	\$365.00
97783	GX-06K*	Analog output/20 mA interface	\$840.00
97784	GX-07K**	Waterproof cable for standard RS-232C	\$310.00
102899	GXK-12	Animal weighing pan	\$835.00
102898	GXK-31	Draft shield	\$115.00
97605	AD-100-2	Anti-theft device	\$73.00
97785	AX-073007197A	Protective in-use cover	\$20.00
97649	TB:648	AC adapter (120V/220V)	\$43.00
151247	AD-1688	Data logger	\$304.00
158785	AD-8121B	Dot matrix statistical printer, includes cable	\$891.00

*GX-04K, GX-06K, replace standard RS-232C and cannot be used at the same time. IP65 rating does not apply when the GX-04K or the GX-06K is installed.

**Use the GX-07K optional waterproof RS-232C cable, in order to use the standard RS-232 interface for water and dust proof (IP65)



Standard Features

- IP65/NEMA Type 4
- RS-232C bidirectional interface
- Multiple weighing modes
- Quick reference operation card
- Time and date
- Vacuum fluorescent display (VFD)
- Interval time setting
- Underhook weighing

Specifications

	GF-8K2	GF-8K	GF-10K	GF-12K	
Part#	97792	97793	97794	97795	
List Price	\$2,860.00	\$3,375.00	\$3,600.00	\$3,035.00	
Capacity	2.1 kg/8.1 kg	8.1 kg	10.1 kg	12 kg	
Resolution	0.01 g/0.1 g	0.01 g	0.01 g	0.1 g	
Operating Modes	Counting, Percentage				
Linearity	±0.1 g/±0.02 g	±0.02 g	±0.03 g	±0.2 g	
Stabilization Time	Approx. 1.5 seconds (typical in FAST mode)				
Repeatability	0.05 g/0.01 g	0.01 g	0.01 g	0.1 g	
Sensitivity Drift (10° C to 30° C)	±3 ppm/° C	±2 ppm/° C	±2 ppm/° C	±3 ppm/° C	
Display Refresh	5 times per second/10 times per second				
Operating Temperature	41° F to 104° F (5° C to 40° C) RH less than 85% (No condensation)				
Pan Size (W x D)	Stainless steel 10.62 x 8.26 in (270 x 210 mm)				
Dimensions	(W x D x H) 11.81 x 13.98 x 4.37 in (300 x 355 x 111 mm)				
Weight	18.3 lb (8.3 kg)				
External Cal. Mass	2, 3, 4, 5, 6, 7, 8 kg		10 kg	5, 10 kg	
Power	120/240V AC adapter				
Warranty	Five-year Limited Warranty				
Return Policy	A&D Weighing Standard Policy - restock fee may apply				
UNIT OF MEASURE	Decimal Ounces	285.720 x 0.005/74.0755 x 0.0005 oz	285.7190 x 0.0005 oz	370.4 x 0.0005 oz	423.290 x 0.005 oz
	Troy Ounce	260.420 x 0.005/67.5165 x 0.0005 ozt	260.4210 x 0.0005 ozt	337.6 x 0.0005 ozt	385.810 x 0.005 ozt
	Pennyweight	5,208.4 x 0.1/1,350.33 x 0.01 dwt	5,208.42 x 0.01 dwt	6,751 x 0.01 dwt	7,716.2 x 0.1 dwt
	Carat	40,500.0 x 0.5/10,500.00 x 0.05 ct	40,500.00 x 0.05 ct	50,500 x 0.05 ct	60,000 x 0.5 ct
	Momme	2,160.00 x 0.05/560.000 x 0.005 mom	2,160.000 x 0.005 mom	2,800.000 x 0.005 mom	3,200.00 x 0.05 mom
	Grain	125,002 x 2/32,408.0 x 0.2 GN	125,002.2 x 0.2 GN	162,040 x 0.2 GN	185,188 x 2 GN
	Pound	17.8575 x 0.0005/4.62970 x 0.00005 lb	17.85745 x 0.00005 lb	23.15 x 0.00005 lb	26.4555 x 0.0005 lb
	Pound/Ounce	17 lb x 0.01 oz/4 lb x 0.001 oz	17 lb x 0.001 oz	23 lb x 0.001 oz	26 lb x 0.01 oz

Specifications

	GF-20K	GF-30K	GF-32K	
Part#	97796	97797	97798	
List Price	\$3,240.00	\$3,800.00	\$2,880.00	
Capacity	21 kg	31 kg	6.1/31 kg	
Resolution	0.1 g	0.1 g	0.1/1 g	
Operating Modes	Counting, Percentage			
Linearity	±0.2 g		±1 g/0.2 g	
Stabilization time	Approx. 1.5 seconds (typical in FAST mode)			
Repeatability	0.1 g		0.5 g/0.1 g	
Sensitivity Drift (10° C to 30° C)	±3 ppm/° C		±5 ppm/° C	
Display refresh	5 times per second/10 times per second			
Operating Temperature	41° F to 104° F (5° C to 40° C) RH less than 85% (No condensation)			
Pan Size (W x D)	Stainless steel 10.62 x 8.26 in (270 x 210 mm)			
Dimensions	(W x D x H) 11.81 x 13.98 x 4.37 in (300 x 355 x 111 mm)			
Weight	18.3 lb (8.3 kg)			
External Cal. Mass	10, 20 kg	20, 30 kg		
Power	120/240VAC adapter			
Warranty	Five-year Limited Warranty			
Return Policy	A&D Weighing Standard Policy - restock fee may apply			
UNIT OF MEASURE	Decimal Ounces	740.755 x 0.005 oz	1,093.495 x 0.005 oz	1,093.50 x 0.05/215.170 x 0.005 oz
	Troy Ounce	675.165 x 0.005 ozt	996.675 x 0.005 ozt	996.65 x 0.05/196.120 x 0.005 ozt
	Pennyweight	13,503.3 x 0.1 dwt	19,933.5 x 0.1 dwt	19,933 x 1/3,922.4 x 0.1 dwt
	Carat	105,000.0 x 0.5 ct	155,000.0 x 0.5 ct	155,000 x 5/30,500.0 x 0.5 ct
	Momme	5,600.00 x 0.05 mom	8,266.65 x 0.05 mom	8,266.5 x 0.5/1,626.65 x 0.05 mom
	Grain	324,080 x 2 GN	478,404 x 2 GN	N/A
	Pound	46.2970 x 0.0005 lb	68.3435 x 0.0005 lb	68.345 x 0.005/13.4480 x 0.0005 lb
	Pound/Ounce	46 lb x 0.01 oz	68 lb x 0.01 oz	68 lb x 0.1 oz/17 lb x 0.01 oz

Part Number/Price

Part #	Model #	Description	Price
97792	GF-8K2	2.1 kg/8.1 kg x 0.01 g/0.1 g	\$2,860.00
97793	GF-8K	8.1 kg x 0.01 g	\$3,375.00
97794	GF-10K	10.1 kg x 0.01 g	\$3,600.00
97795	GF-12K	12 kg x 0.1 g	\$3,035.00
97796	GF-20K	21 kg x 0.1 g	\$3,240.00
97797	GF-30K	31 kg x 0.1 g	\$3,800.00
97798	GF-32K	31 kg/6.1 kg x 1 g/0.1 g	\$2,880.00

Options/Accessories

Part #	A&D Model #	Description	Price
97782	GX-04K*	Comparator/output and RS-232C/20 mA interface	\$365.00
97783	GX-06K*	Analog output/20 mA interface	\$840.00
97784	GX-07K**	Waterproof cable for standard RS-232C	\$310.00
102899	GXK-12	Animal weighing pan	\$835.00
102898	GXK-31	Draft shield	\$115.00
97605	AD-100-2	Anti-theft device	\$73.00
97785	AX:073007197A	Protective in-use cover	\$20.00
97649	TB-648	AC adapter (120V/220V)	\$43.00
151247	AD-1688	Data logger	\$304.00
158785	AD-8121B	Impact dot matrix statistical printer, includes cable	\$891.00

*GX-04K, GX-06K, replace standard RS-232C and cannot be used at the same time. IP65 rating does not apply when the GX-04K or the GX-06K is installed.

**Use the GX-07K optional waterproof RS-232C cable, in order to use the standard RS-232 interface for water and dust proof (IP65)

Capacity: 51 g-71 g Readability: 0.001 g-0.0001 g

Standard Features

- Fast and uniform heating with halogen lamp and uniquely designed (secondary radiation assist) SRA filter
- WinCT® communication tools software
- Sodium tartrate dihydrate is provided as a stable moisture content for accuracy checks of the analyzer
- 5 measurement programs: standard, automatic, timer, manual and quick
- Vacuum fluorescent display (VFD)
- Glass window for heating check and easy cleaning
- Self-check function
- Quick reference card
- Standard bidirectional RS-232C
- GLP/ GMP/GCP/ISO compliant with time and date, ID, calibration data and check record outputs



Specifications

	MS-70	MX-50	MF-50	ML-50
Part #	97821	97822	97823	112408
List Price	\$5,815.00	\$3,630.00	\$2,935.00	\$2,470.00
Capacity	71 g	51 g	51 g	51 g
Resolution	0.0001 g	0.001 g	0.002 g	0.005 g
Moisture Content Display	0.001%/0.01%/0.1%	0.01%/0.1%	0.05%/0.1%/1%	0.1%/1%
Moisture Content Accuracy over 1 g	0.05%	0.10%	0.20%	0.50%
Over 5 g	0.01%	0.02%	0.05%	0.10%
Heating Technology	Halogen lamp (straight type, 400 Watt max, 5,000 hours)			
Drying Temperature	30° C to 200° C	50° C to 200° C (1° increment)		
Measurement Program Memories	20 sets		10 sets	5 sets
Data Memory	100		50	30
Measurement Programs	Standard/Automatic/Timer/Manual			
Measurement Modes	Wet base/Dry base/Solid content/Ratio			
Operating Temperature	40° F to 104° F (5° C to 40° C)			
Sample Pan Size	Ø 2.16 in (85 mm)			
Dimensions	(W x D x H) 8.46 x 12.6 x 6.8 in (215 x 320 x 173 mm)			
Weight	13 lb (5.9 kg)			
Power	120VAC			
Warranty	Five-year Limited Warranty			
Return Policy	A&D Weighing Standard Policy - restock fee may apply			

MS-70/MX-50/MF-50/ML-50

Moisture Analyzers

Part Number/Price

Part #	Model #	Description	Price
97821	MS-70	71 g x 0.0001 g	\$5,815.00
97822	MX-50	51 g x 0.001 g	\$3,630.00
97823	MF-50	51 g x 0.002 g	\$2,935.00
112408	ML-50	51 g x 0.005 g	\$2,470.00

Options/Accessories

Part #	A&D Model #	Description	Price
97824	AX-31	Sample pans (washable, 100 each)	\$95.00
97825	AX-32-2	Glass fiber sheets (100 each)	\$52.00
97826	AX-33	Sodium tartrate dehydrate test samples (30 x 12 g)	\$83.00
97827	AX-34	Halogen lamp (replacement)	\$63.00
97828	AX-35	Pan handles (2 each)	\$27.00
97829	AX-36	Tweezers (2 each)	\$17.00
97830	AX-37	Spoons (2 each)	\$21.00
97831	AX-38	Protective in-use covers (5 each)	\$42.00
97832	AX-39	Dust cover	\$17.00
97833	AX-42	WinCT® Moisture (standard for MS-70 and MX-50, option for MF-50)	\$237.00
97834	AD-1700-20G	Calibration mass (20 g)	\$150.00
97837	AX-43	Temperature calibrator (MS-70 and MX-50 only)	\$450.00
151247	AD-1688	Data logger	\$304.00
158785	AD-8121B	Dot matrix statistical printer, includes cable	\$891.00



Analytical

Precision

Standard Features

- Easy-to-clean analytical draft shield
- Up-front level indicator
- Selectable environment settings
- Flexibility of available options
- Removable doors for easy cleaning and access
- Up-front level bubble for easy reference
- Selectable environmental settings
- Integral underweigh hook
- Standard security bracket
- Standard RS-232C
- Security menu lock
- Multiple application modes and units of measure
- Backlight display

APPROVALS



Specifications

	PA84^	PA124^	PA224^	PA163	PA323	PA523
Part #	167603	167604	167605	167606	167607	167608
List Price	\$1,729.00	bbnm,mnm	\$2,305.00	\$1,037.00	\$1,210.00	\$1,442.00
Capacity	85 g	120 g	220 g	160 g	320 g	520 g
Resolution	0.1 mg	0.1 mg	0.1 mg	0.001 g	0.001 g	0.001 g
Weighing Modes	Milligram, Gram, Carat, Ounce, Troy Ounce, Grain, Pennyweight, Momme, Taels, Tical, Tola, Baht, Mesghal, Newton, Custom Unit					
Operating Modes	Weighing, Parts Counting, Percent, Density Determination, Dynamic Weighing					
Repeatability (mg)	0.1			1		
Linearity (mg)	0.2		0.3		2	
Stabilization Time	Three seconds					
Operating Temperature	50°F to 104°F (10°C to 40°C)					
Pan Size	3.54 in (90 mm)			4.72 in (120 mm)		
Dimensions	(W x D x H) 7.7 x 11.3 x 12.6 in (19.6 x 28.7 x 32 cm)					
Weight (Approx.)	10 lb (4.5 kg)					
Calibration Weight (g)	50/80	50/100	100/200	100/150	200/300	200/500
Power	120 VAC adapter (220-240 VAC adapter by special order), 50/60 Hz					
Warranty	Two-year Limited Warranty					
Return Policy	OHAUS Standard Policy - restock fee may apply					

^Weighing Chamber

Specifications

	PA1602	PA2202	PA3202	PA4202	PA2201	PA4201
Part#	167609	167610	167611	167612	167613	167614
List Price	\$932.00	\$1,095.00	\$1,327.00	\$1,499.00	\$905.00	\$1,062.00
Capacity	1,600 g	2,200 g	3,200 g	4,200 g	2,200 g	4,200 g
Resolution	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Weighing Modes	Milligram, Gram, Carat, Ounce, Troy Ounce, Grain, Pennyweight, Momme, Tael, Tola, Baht, Mesghal, Newton, Custom Unit					
Operating Modes	Weighing, Parts Counting, Percent, Density Determination, Dynamic Weighing					
Repeatability (mg)	10				100	
Linearity (mg)	20				100	
Stabilization Time	Three seconds					
Operating Temperature	50° F to 104° F (10° C to 40° C)					
Pan Size	7.1 in (180 mm)					
Dimensions	(W x D x H) 7.7 x 11.3 x 12.6 in (19.6 x 28.7 x 32 cm)					
Weight (Approx.)	7.3 lb (3.3 kg)					
Calibration Weight (g)	1,000/1,500	1,000/2,000	2,000/3,000	2,000/4,000	1,000/2,000	2,000/4,000
Power	120 VAC adapter (220-240 VAC adapter by special order) , 50/60 Hz					
Warranty	Two-year Limited Warranty					
Return Policy	OHAUS Standard Policy - restock fee may apply					

Part Number/Price

Part #	Model #	Description	Price
167603	PA84	85 g x 0.1 mg	\$1,729.00
167604	PA124	120 g x 0.1 mg	\$2,075.00
167605	PA224	220 g x 0.1 mg	\$2,305.00
167606	PA163	160 g x 0.001 g	\$1,037.00
167607	PA323	320 g x 0.001 g	\$1,210.00
167608	PA523	520 g x 0.001 g	\$1,442.00
167609	PA1602	1,600 g x 0.01 g	\$932.00
167610	PA2202	2,200 g x 0.01 g	\$1,095.00
167611	PA3202	3,200 g x 0.01 g	\$1,327.00
167612	PA4202	4,200 g x 0.01 g	\$1,499.00
167613	PA2201	2,200 g x 0.1 g	\$905.00
167614	PA4201	4,200 g x 0.1 g	\$1,062.00

Options/Accessories

Part #	Model #	Description	Price
67413	SW12W	TAL software WinWedge®	\$425.00
104770	80251932	Paper for printer	\$15.00
104771	80251933	Ribbon for printer	\$44.00
70406	80500525	RS-232 cable, PC nine-pin to Pioneer	\$155.00
77712	80500524	RS-232 cable, PC 25-pin to Pioneer	\$155.00
35263	76288-01	Security device for Pioneer	\$165.00
102799	128-00	Forceps, 2.75 in (70 mm)	\$19.00
102800	129-00	Forceps, 3.5 in (89 mm)	\$19.00
33455	5076-00	Aluminum scoop, 1.5 in x 2 in (3.8 cm x 5.1 cm), weight 4 g	\$23.00
33454	4590-30	Black scoop, aluminum 4 in x 3.5 ft (10.2 cm x 8.9 cm), weight 24 g	\$29.00
33451	3369-10	Polypropylene Maxi-Scoop™ 10 in dia. x 2.5 in deep (25.4 cm dia. x 6.4 cm deep) with pouring spout, weight 145 g	\$33.00
97250	80250400	Stainless steel scoop 11.9 in x 7.38 in x 1.69 in	\$59.00
100292	80250954	Stainless steel scoop 17.2 in x 11 in x 3.4 in (44 cm x 28 cm x 8.5 cm)	\$74.00
156234	46001724	AC adapter (requires 156235 plug set)	\$37.00
156235	46001780	Universal plug set	\$14.00



Standard Features

- Intuitive SmarText™ software
- 4 programmable touchless sensors
- Color touchscreen display
- Memory for up to 99 items
- Real-time clock for GLP/GMP data collection
- Audible stability alert
- Autocal automatic calibration
- EX225D/AD and EX225/AD
- Includes ionizer and auto doors

Specifications

	EX125D [^]	EX125 [^]	EX225D [^]	EX225D/AD [^]	EX225/AD [^]
Part Number	171347	171348	171349	171350	171351
List Price	\$5,100.00	\$6,400.00	\$6,510.00	\$8,100.00	\$8,820.00
Capacity	52 g/120 g	120 g	120 g/220 g	120 g/220 g	220 g
Resolution	0.01 mg/0.1 mg	0.01 mg	0.01 mg/ 0.1 mg	0.01 mg/ 0.1 mg	0.01 mg
Weighing Units	Gram, Milligram, Carat, Ounce, Ounce Troy, Pound, Pennyweight, Grain, Newton, Mom, Mesghal, Tical, Tola, Baht, Tael, 3 Custom Units				
Operating Modes	Weighing, Percent Weighing, Parts Counting, Checkweighing, Dynamic/Animal Weighing, Filling, Totalization, Formulation, Differential Weighing, Density Determination, Peak Hold, Pipette Adjustment, SQC				
Repeatability (20 g) std	±0.015 mg				
Repeatability (100 g) std	0.1 mg	0.02 mg	0.02 mg/0.1 mg	0.02 mg/0.1 mg	0.03 mg
Linearity (mg)	±0.1 mg				
Stabilization Time	0.1 mg ≤ 0.3 seconds; 0.01 mg ≤ 8 second				
Min-Weight (typical)	20.0 mg fine range (USP, u=0.10%, k=2)				
Operating Temperature Range	14° F to 86° F (-10° C to 30° C)				
Pan Size	80 mm				
Dimensions	(W x D x H) 9 x 15.4 x 13.8 in (230 x 393 x 350 mm)				
Shipping Weight	25 lb (12.5 kg)				
Calibration	Auto Cal internal calibration				
Power Requirements	AC adapter input: 100-240 VAC 0.6A 50-60 Hz				
Warranty	Two-year Limited Warranty				
Return Policy	OHAUS Standard Policy - restock fee may apply				

[^]Weighing Chamber

Part Number/Price

Part #	Model #	Description	Price
171347	EX125D	52 g/120 g x /0.01 mg/0.1 mg	\$5,100.00
171348	EX125	120 g x 0.01 mg	\$6,400.00
171349	EX225D	120 g/220 g x 0.01 mg/0.1 mg	\$6,510.00
171350	EX225D/AD	120 g/220 g x 0.01 mg/0.1 mg	\$8,100.00
171351	EX225/AD	2,200 g x 0.01 g	\$8,820.00

Options/Accessories

Part #	Model #	Description	Price
67422	80253384	Density determination kit	\$624.00
70406	80500525	RS-232 cable, PC 9-Pin to EX	\$155.00
156234	-	AC adapter	\$37.00
156235	-	International plug set	\$14.00

Capacity: 120g-320g Readability: 0.0001 g

Standard Features

- Automatic calibration via AutoCal™
- Communication RS-232C
- On-screen prompts
- Spill channel
- Applications library to store and quickly recall past procedures
- Brilliant backlit, high-resolution dot matrix display with simple navigation windows and menus to guide you through balance functions
- User selectable GLP outputs via RS-232 to meet traceability requirements
- User selectable filter, stability indicator and auto-zero tracking for use in difficult environments
- Five-language operation display text
- Standard underweigh capability
- Protective in-use cover and security bracket



Optional Features

- Autocal™ automatic calibration
- NTEP Certified, Legal for Trade models by special order

Specifications

	EX124 [^]	EX224 ^{^*}	EX324 ^{^*}
Part Number	121192	121193	121194
List Price	\$3,767.00	\$4,198.00	\$4,951.00
Capacity	120 g	220 g	320 g
Resolution	0.0001 g		
Weighing Units	Gram, Milligram, Kilogram, Carat, Ounce, Ounce Troy, Pound, Pennyweight, Grain, Newton, Momme, Mesghal, Hong Kong Tael, Singapore Tael, Taiwan Tael, Tical, Tola, Baht, 3 Custom Units		
Operating Modes	Weighing, Percent Weighing, Parts Counting, Checkweighing, Dynamic/Animal Weighing, Filling, Totalization, Formulation, Differential Weighing, Density Determination, Peak Hold, Ingredient Costing, Pipette Adjustment, SQC		
Repeatability	±0.0001 g		
Linearity	±0.0002 g		
Stabilization Time	≤2 seconds		≤3 seconds
Operating Temperature Range	50° F to 86° F (10° C to 30° C)		
Weighing Chamber	(W x D x H) 9.5 x 7.5 x 6.5 in (241.3 x 190.5 x 165.1 mm)		
Pan Size	Ø 3.5 in (90 mm)		
Display Housing Dimensions	(W x D x H) 7.7 x 3.5 x 6.0 in (195 x 90 x 154 mm)		
Dimensions Base	9.1 x 13.8 x 15.5 in (230 x 350 x 393 mm)		
Shipping Weight	21.1 lb (9.6 kg)		
Calibration	AutoCal™ on Δ1.5° C temperature change, 11 hours, and external calibration		
Power Requirements	AC adapter input: 100-240 VAC 0.6A 50-60 Hz		
Warranty	Two-year Limited Warranty		
Return Policy	OHAUS Standard Policy - restock fee may apply		

[^]Weighing Chamber

^{*}NTEP and Measurement Canada models available by special order

Part Number/Price

Part #	Model #	Description	Price
121192	EX124	120g x 0.0001 g	\$3,767.00
121193	EX224	220g x 0.0001 g	\$4,198.00
121194	EX324	320g x 0.0001 g	\$4,951.00

Options/Accessories

Part #	Model #	Description	Price
67422	80253384	Density determination kit	\$624.00
35263	76288-01	Security device for EX	\$165.00
77712	80500524	RS-232 cable, PC 25-Pin to EX	\$155.00
70406	80500525	RS-232 Cable, PC 9-Pin to EX	\$155.00
156234	46001724	Multi-range AC adapter	\$37.00
156235	46001780	International plug set	\$14.00



Standard Features

- Capacities from 220 g to 10.2 kg with Readability to 0.001 g
- Large, 5.7 full-color touchscreen display with intuitive set up and application software
- AutoCal™ automatic internal calibration for optimized weighing performance
- 14 application modes, 11 weighing units and five display languages for a wide variety of applications
- Four programmable touchless sensors for hands-free operation
- 0.001 g models feature frameless draftshield with anti-static glass, flip-top and large side entry doors on top-mounted bearings

Optional Features

- External calibration models

Specifications

	EX223 [^]	EX423 ^{^*}	EX623 [^]	EX1103 ^{^*}	EX2202	EX4202 [*]	EX6202	EX10202 [*]	EX6201	EX10201 [*]
Part Number	121195	121196	121197	121198	121199	121200	121201	121202	121203	121204
List Price	\$2,476.00	\$2,906.00	\$3,444.00	\$4,090.00	\$2,691.00	\$3,067.00	\$3,444.00	\$4,090.00	\$2,906.00	\$3,122.00
Capacity	220 g	420 g	620 g	1,100 g	2,200 g	4,200 g	6,200 g	10,200 g	6,200 g	10,200 g
Resolution	0.001 g				0.01 g				0.1 g	
Weighing Units	Gram, Milligram, Kilogram, Carat, Ounce, Ounce Troy, Pound, Pennyweight, Grain, Newton, Momme, Mesghal, Hong Kong Tael, Singapore Tael, Taiwan Tael, Tical, Tola, Baht, 3 Custom Units									
Operating Modes	Weighing, Percent Weighing, Parts Counting, Checkweighing, Dynamic/Animal Weighing, Filling, Totalization, Formulation, Differential Weighing, Density Determination, Peak Hold, Ingredient Costing, Pipette Adjustment, SQC									
Repeatability	±0.001 g				±0.01 g				±0.1 g	
Linearity	±0.002 g				±0.02 g				±0.1 g	
Stabilization Time	≤1.5 seconds				≤1 seconds					
Operating Temperature Range	50° F to 86° F (10° C to 30° C)									
Weighing Chamber	(W x D x H) 9.5 x 7.5 x 6.5 in			N/A						
Pan Size	Ø 5.1 in (130 mm)				7.5 x 7.9 in (190 x 200 mm)					
Display Housing Dimensions	(W x D x H) 7.7 x 3.5 x 6.0 in (195 x 90 x 154 mm)									
Dimensions Base	(W x D x H) 9.1 x 13.8 x 15.5 in (230 x 350 x 393 mm)					(W x D x H) 9.1 x 3.9 x 15.5 in (230 x 98 x 393 mm)				
Shipping Weight	21.1 lb (9.6 kg)				15 lb (6.8 kg)			16.3 lb (7.4 kg)		
Calibration	AutoCal™ on Δ1.5° C temperature change, 11 hours, and external calibration									
Power Requirements	AC adapter input: 100-240 VAC 0.6A 50-60 Hz									
Warranty	Two-year Limited Warranty									
Return Policy	OHAUS Standard Policy - restock fee may apply									

[^]Weighing Chamber

^{*}NTEP models available by special request

Part Number/Price

Part #	Model #	Description	Price
121195	EX223^	220 g x 0.001 g	\$2,476.00
121196	EX423^	420 g x 0.001 g	\$2,906.00
121197	EX623^	620 g x 0.001 g	\$3,444.00
121198	EX1103^	1,100 g x 0.001 g	\$4,090.00
121199	EX2202	2,200 g x 0.01 g	\$2,691.00
121200	EX4202	4,200 g x 0.01 g	\$3,067.00
121201	EX6202	6,200 g x 0.01 g	\$3,444.00
121202	EX10202	10,200 g x 0.01 g	\$4,090.00
121203	EX6201	6,200 g x 0.1 g	\$2,906.00
121204	EX10201	10,200 g x 0.1 g	\$3,122.00

^Weighing Chamber

Options/Accessories

Part #	Model #	Description	Price
67422	80253384	Density determination kit (for 410 g capacity and below)	\$624.00
35263	76288-01	Security device for EX	\$165.00
77712	80500524	RS-232 cable, PC 25-pin to EX	\$155.00
70406	80500525	RS-232 cable, PC nine-pin to EX	\$155.00
156234	46001724	Multi-range AC adapter	\$37.00
156235	46001780	International plug set	\$14.00



Standard Features

- Touchless IR (infrared) sensors minimize keypad use
- Program IR sensor to control operations including print, tare and other selectable functions
- Color VGA, 5.7 in display with icons for simple menu navigation
- Multiple application modes designed for versatility
- AutoCal™ Calibration
- Robust IP 54 die-cast metal bottom housing with stainless steel pan
- Integral weigh below hook
- ENERGY STAR qualified adapter

APPROVALS

Measurement
Canada
Approved

Specifications

	Ex12001	Ex24001	Ex35001
Part#	157235	157236	157237
List Price	\$3,444.00	\$4,198.00	\$4,951.00
Capacity	12,000 g	24,000 g	35,000 g
Resolution	0.1 g		
Weighing Modes	Gram, Kilogram, Carat, Ounce, Troy Ounce, Pound., Pennyweight, Mommies, Grain, Tical, Tola, Newton, Mesghal, 3 Custom Units		
Operating Modes	Weighing, Counting, Animal/Dynamic Weighing, Checkweighing, Percent Weighing, Filling, Parts Counting, Totalization, Formulation, Differential Weighing, Density Determination, Peak Hold, Ingredient Costing, SQC		
Repeatability	±0.1 g		
Linearity	±0.2 g		
Stabilization Time	≤1 seconds		
Operating Temperature	14° F to 140° F (-10° C to 60° C)		
Pan Size	14.84 x 12.24 in (377 x 311 mm)		
Display Housing Dimensions	(W x D x H) 7.7 x 3.5 x 6.0 in (195 x 90 x 154 mm)		
Dimensions Base	(W x D x H) 14.84 x 4.72 x 17.44 in (377 x 120 x 443 mm)		
Weight (Approx.)	25 lb (12.5 kg)		
Calibration	Auto Cal internal calibration		
Power	AC adapter input: 100-240VAC 0.6A 50-60 Hz		
Warranty	Two-year Limited Warranty		
Return Policy	OHAUS Standard Policy - restock fee may apply		
Approvals	Measurement Canada AM-5957		

Part Number/Price

Part #	Model #	Description	Price
157235	EX12001	12,000 g x 0.1 g	\$3,444.00
157236	EX24001	24,000 g x 0.1 g	\$4,198.00
157237	EX35001	35,000 g x 0.1 g	\$4,951.00

Options/Accessories

Part #	Model #	Description	Price
157238	30078082	Tower mount display	\$122.00
77712	80500524	RS-232 cable, PC 25-pin to EX	\$155.00
70406	80500525	RS-232 cable, PC nine-pin to EX	\$155.00
156234	46001724	Multi-range AC adapter	\$37.00
156235	46001780	International plug set	\$14.00



Analytical

Precision

APPROVALS



Measurement
Canada
Approved

Standard Features

- Stable, accurate and fast operation, ensuring optimal weighing results
- Color touchscreen with 4.3 in (109 mm) display size
- Dual USB ports and RS-232 provide connectivity options
- Space-saving, top-mounted draft shield on analytical models
- Real time clock with GLP/GMP data
- Below minimum sample weight indication with minimum weight feature
- AutoCal™

Specifications

	AX124 ^	AX224 ^	AX324 ^	AX223 ^	AX423 ^	AX523 ^	AX622	AX1502
Part Number	164622	164623	164625	164626	164628	164630	164633	164635
List Price	\$3,090.00	\$3,399.00	\$3,820.00	\$1,804.00	\$2,122.00	\$2,441.00	\$1,486.00	\$1,804.00
NTEP Part Number	N/A	164624	N/A	164627	164629	164632	164634	164636
NTEP List Price	N/A	\$3,677.00	N/A	\$1,650.00	\$1,929.00	\$2,233.00	\$1,279.00	\$1,599.00
NTEP Certified Approvals	—	I (0.001 g) AM-5957, CC 14-082	—	II (0.01 g) AM-5957, CC 14-082	II (0.01 g) AM-5957, CC 14-082	II (0.01g) AM-5957, CC 14-082	II (0.1g) AM-5957, CC 14-082	
Capacity (g)	120 g	220 g	320 g	220 g	420 g	520 g	620 g	1,520 g
Resolution (g)	0.0001 g	0.0001 g	0.0001 g	0.001 g	0.001 g	0.001 g	0.01 g	0.01 g
Weighing Modes	Milligram, Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Troy Ounce, Grain, Newton, Hong Kong Tael, Singapore Tael, Taiwan Tael, Momme, Tical, Baht, Mesgal, Tola, Custom							
Operating Modes	Counting, Weighing, Dynamic Weighing, Checkweighing, Percent Weighing, Totalization, Display Hold, Density Determination, Formulation							
Repeatability	1 mg			0.001 g				
Linearity	0.2 mg				0.002 mg			
Operating Temperature	10° C to 30° C (50° F to 86° F)							
Pan Size	3.5 in (90 mm)			5.1 in (130 mm)			6.9 x 7.7 in (175 x 195 mm)	
Dimensions Base Housing	(W x D x H) 13.93 x 13.39 x 9.05 in (354 x 340 x 230 mm)						(W x D x H) 13.93 x 3.94 x 9.05 in (354 x 100 x 230 mm)	
Weight (Approx.)	17.2 lb (7.8 kg)			12.8 lb (5.8 kg)			14.4 lb (6.5 kg)	
Calibration Weight (g)	100	200	300	200	400	500	600	1500
Power	100 - 240 VAC, 0.3A, 50-60 HZ AC adapter							
Warranty	Two-year Limited Warranty							

* NTEP Certified models have reduced resolution

^Weighing Chamber

Specifications

	AX2202	AX4202	AX5202	AX4201	AX8201
Part Number	164637	164639	164641	164642	164643
List Price	\$2,016.00	\$2,334.00	\$2,547.00	\$1,406.00	\$1,569.00
NTEP	Part Number	164638	164640	N/A	164644
	List Price	\$1,827.00	\$2,132.00	N/A	\$1,360.00
Capacity (g)	2,200 g	4,200 g	5,200 g	4,200 g	8,200 g
Resolution (g)	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
NTEP Certified Class	II (0.1 g)	II (0.1 g)			II (1 g)
Weighing Modes	Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Troy Ounce, Grain, Newton, Hong Kong Tael, Singapore Tael, Taiwan Tael, Momme, Tical, Baht, Mesgal, Tola, Custom				
Operating Modes	Weighing, Dynamic Weighing, Checkweighing, Percent Weighing, Totalization, Display Hold, Density Determination, Formulation				
Repeatability	0.01 g				
Linearity	0.002 mg				
Operating Temperature	10° C to 30° C (50° F to 86° F)				
Pan Size	175 x 195 mm (6.9 x 7.7 in)				
Dimensions Base Housing	(W x D x H) 13.93 x 3.94 x 9.05 in (354 x 100 x 230 mm)				
Weight (Approx.)	14.4 lb (6.5 kg)				12.6 lb (5.7 kg)
Calibration Weight (g)	2,000	4,000	5,000	4,000	8,000
Power	100-240 VAC, 0.3A, 50-60 HZ AC adapter				
Warranty	Two-year Limited Warranty				

* NTEP Certified models have reduced resolution

Part Number/Price

Part #	Model #	Description	Price
164622	AX124	120 g x 0.0001 g	\$3,090.00
164623	AX224	220 g x 0.0001 g	\$3,399.00
164624	AX224 N	220 g x 0.001 g	\$3,677.00
164625	AX324	320 g x 0.0001 g	\$3,820.00
164626	AX223	320 g x 0.001 g	\$1,804.00
164627	AX223 N/E	220 g x 0.001 g	\$1,650.00
164628	AX423	420 g x 0.001 g	\$2,122.00
164629	AX423 N/E	420 g x 0.01 g	\$1,929.00
164630	AX523	520 g x 0.001 g	\$2,441.00
164632	AX523 N/E	520 g x 0.01 g	\$2,233.00
164633	AX622	620 g 0.001 g	\$1,486.00
164634	AX622 N/E	620 g x 0.01 g	\$1,279.00
164635	AX1502	1,520 g x 0.01 g	\$1,804.00
164636	AX1502 N/E	1,520 g x 0.1 g	\$1,599.00
164637	AX2202	2,200 g x 0.01 g	\$2,016.00
164638	AX2202 N/E	2,200 g x 0.1 g	\$1,827.00
164639	AX4202	4,200 g 0.01 g	\$2,334.00
164640	AX4202 N/E	4,200 g x 0.1 g	\$2,132.00
164641	AX5202	5,200 g x 0.01 g	\$2,547.00
164642	AX4201	4,200 g x 0.1 g	\$1,406.00
164643	AX8201	8,200 g x 0.1 g	\$1,569.00
164644	AX8201 N/E	8,200 g x 1 g	\$1,360.00

Options/Accessories

Part #	Model #	Description	Price
67422	80253384	Density determination kit	\$624.00
156809	AK87421-1-R	USB cable, Type A to B	\$50.00
67423	80850043	Security device (laptop lock)	\$185.00
77712	80500524	25-pin RS-232 cable (PC)	\$155.00
70406	80500525	Nine-pin RS-232 cable (PC)	\$155.00



Standard Features

- Fast halogen heating element provides uniform infrared heating and durability for extended use
- Superior weighing performance with readability up to 0.001 g, 0.01% moisture
- Powerful software for simple operation
- Large, backlit liquid crystal display (LCD) for easy viewing (MB23, MB27)
- Bright, easy-to-read touchscreen display (MB90, MB120)
- GLP/GMP compliant format when printed results are required
- RS-232 port for easy communication with printer or computer
- Multi-language display text (English, Spanish, French)

APPROVALS



Specifications

	MB23	MB27	MB90	MB120
Part #	109522	178254	178255	178256
List Price	\$2,650.00	\$2,750.00	\$3,570.00	\$4,536.00
Capacity	110 g	90 g	90 g	120 g
Resolution	0.01 g	0.001 g	0.001 g	0.001 g
Repeatability	3 g sample-0.3%; 10 g sample-0.1%	3 g sample-0.2%; 10 g sample-0.05%	3 g sample-0.18%; 10 g sample-0.02%	3 g sample-0.05%; 10 g sample-0.015%
Moisture Range	0.1% - 100%	0.05% - 100%	0.01% to 100%	0.01% to 100% (0.01% to 100% for regain mode)
Heater Type	Infrared (no glass)	Halogen		
Timer	1-99 minutes, 30 second increments to 60 min		1-120 min in 30 second -60 min increments, 1 min increments from 60-120 min	1-120 min in 10 second increments
Temperature Settings	50° C to 160° C x 5° C (increments)		40° C to 200° C x 1° C	40° C to 230° C x 1° C
Operating Temperature	41° F to 104° F (5° C to 40° C)		50° F to 104° F (10° C to 40° C)	
Pan Size	Ø 9 cm (3.5 in)			
Dimensions	(W x D x H) 7.5 x 6.0 x 14 in (191 x 152 x 356 mm)	(W x D x H) 6.5 x 5 x 11 in (165 x 127 x 279 mm)	(W x D x H) 8.3 x 7.7 x 14 in (211 x 196 x 356 mm)	
Est. Ship Weight	14 lb (6.3 kg)			
Power	120V AC Adapter			
Warranty	Two-year Limited Warranty			
Return Policy	OHAUS Standard Policy - restock fee may apply			

Part Number/Price

Part #	Model #	Description	Price
109522	MB23	110 g x 0.01 g (0.1% IR)	\$2,650.00
178254	MB27	90 g x 0.001 g (0.05% Halogen Heat)	\$2,750.00
178255	MB90	90 g x 0.001 g (0.02% Halogen Heat)	\$3,570.00
178256	MB120	120 g x 0.001 g (0.015% Halogen Heat)	\$4,536.00

Options/Accessories

Part #	Model #	Description	Price
70401	11113857	Temperature calibration kit	\$477.00
70402	80850087	Pads, glass fiber, 200/box	\$83.00
70403	80850086	Sample pans, 80/box, 90 mm diameter	\$51.00
70404	80850088	Reusable sample pans, 3/box	\$166.00
70405	80850085	In-use cover	\$63.00
70406	80500525	Cable, nine-pin serial extension	\$155.00
67423	470004-010	Security device	\$185.00
67413	SW12W	WinWedge® TAL Software	\$425.00
70860	11113873	Sample pan handler (MB-35 only)	\$116.00
104770	—	Paper for PN 104767	\$15.00
104771	—	Ribbon for PN 104767	\$44.00