



Standard Features

- Electronically controlled load (ECL) self-diagnostic before internal repeatability test without an external weight in less than 1.5 minutes
- External calibration
- Impact shock detection
- Flow rate display
- RS-232C and USB bidirectional interface
- Password protection and anti-theft security slot
- GLP/GMP/ISO compliant to either AD-8127 printer or computer
- Transmits date, time, ID number, serial number, model, manufacturer and calibration data
- Rechargeable battery option for portability
- Counting, Percentage, Animal Weighing, Density, Statistical and Comparator Modes
- Super Hybrid Sensor Technology (SHS)
- Reverse backlit LCD display
- Optional glass breeze break
- Underhook weighing

Specifications

| | GF-203A [^] | GF-303A [^] | GF-403A [^] | GF-603A [^] | GF-1003A [^] | GF-1603A [^] | GF-1202A |
|------------------------------|---|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------------|
| Part# | 191707 | 191708 | 191709 | 191710 | 191711 | 191712 | 191713 |
| List Price | \$1,375.00 | \$1,525.00 | \$1,675.00 | \$1,975.00 | \$2,375.00 | \$3,054.90 | \$1,375.00 |
| Capacity | 220g | 320g | 420g | 620g | 1,100g | 1,620g | 1,220g |
| Resolution | 0.001g | 0.001g | 0.001g | 0.001g | 0.001g | 0.001g | 0.01g |
| Operating Modes | Animal Weighing, Comparator Function, ACAI Counting, Percentage, Density Determination, Statistical Calculation | | | | | | |
| Repeatability | 0.001g | | | | | 0.002g | |
| Linearity | ±0.002g | | ±0.003g | | | ±0.02g | |
| Stabilization Time | Approx 1 second | | | | Approx. 1.5 seconds | | Approx. 1 sec |
| Operating Temperature | 41° F to 104° F (5° C to 40° C) | | | | | | |
| Weighing Chamber | 3 in H (85 mm H) | | | | | | — |
| Pan Size | 5 x 5 in (128 x 128 mm) | | | | | | 165 x 165 mm (6.5 x 6.5 in) |
| Dimensions | (W x D x H) 8.3 x 12.5 x 3.7 in (212 x 317 x 93 mm) | | | | | | |
| Est. Ship Weight | 11 lb (5 kg) | | | | | | |
| Power | 120VAC adapter, Approx. 30VA | | | | | | |
| Warranty | Five-year Limited Warranty | | | | | | |
| Return Policy | A&D Weighing Standard Policy - restock fee may apply | | | | | | |
| Gram | 220 x 0.001g | 320 x 0.001g | 420 x 0.001g | 620 x 0.001g | 1100 x 0.001g | 1620 x 0.001g | 1220 x .01g |
| Ounce (Avoir) | 7.76 x 0.00005g | 11.28 x 0.00005g | 14.81 x 0.00005g | 21.86 x 0.00005g | 38.80 x 0.00005g | 57.14 x 0.00005g | 43.0 x 0.0005g |
| Pound | 0.485 x 0.000005g | 0.705 x 0.000005g | 0.925 x 0.000005g | 1.366 x 0.000005g | 2.425 x 0.000005g | 3.571 x 0.000005g | 2.68 x 0.00005g |
| Pound/Ounce | 0lb 7.76 oz x 0.01 oz | 0lb 11.28 oz x 0.01 oz | 0lb 14.81 oz x 0.01 oz | 1lb 5.86 oz x 0.01 oz | 2lb 6.80 oz x 0.01 oz | 3lb 9.14 oz x 0.01 oz | 2lb 11.03 oz x 0.01 oz |
| Troy Ounce | 7.07 x 0.00005g | 10.28 x 0.00005g | 13.50 x 0.00005g | 19.93 x 0.00005g | 35.36 x 0.00005g | 52.08 x 0.00005g | 39.2 x 0.0005g |
| Metric Carat | 1100 x 0.005g | 1600 x 0.005g | 2100 x 0.005g | 3100 x 0.005g | 5500 x 0.005g | 8100 x 0.005g | 6100 x 0.05g |
| Momme | 58.6 x 0.0005g | 85.3 x 0.0005g | 112.0 x 0.0005g | 165.3 x 0.0005g | 293.3 x 0.0005g | 432.0 x 0.0005g | 325 x 0.005g |
| Pennyweight | 141 x 0.001g | 205 x 0.001g | 270 x 0.001g | 398 x 0.001g | 707 x 0.001g | 1041 x 0.001g | 784 x 0.01g |
| Grain (UK) | 3395 x 0.02g | 4938 x 0.02g | 6481 x 0.02g | 9568 x 0.02g | 16975 x 0.02g | 25000 x 0.02g | 18827 x 0.2g |
| Tael (HK general, Singapore) | 5.82 x 0.00005g | 8.46 x 0.00005g | 11.11 x 0.00005g | 16.40 x 0.00005g | 29.10 x 0.00005g | 42.85 x 0.00005g | 32.2 x 0.0005g |
| Tael (HK jewelry) | 5.87 x 0.00005g | 8.54 x 0.00005g | 11.22 x 0.00005g | 16.56 x 0.00005g | 29.38 x 0.00005g | 43.28 x 0.00005g | 32.5 x 0.0005g |
| Tael (Taiwan) | 5.86 x 0.00005g | 8.53 x 0.00005g | 11.20 x 0.00005g | 16.53 x 0.00005g | 29.33 x 0.00005g | 43.20 x 0.00005g | 32.5 x 0.0005g |
| Tael (China) | 7.04 x 0.00005g | 10.24 x 0.00005g | 13.44 x 0.00005g | 19.84 x 0.00005g | 35.20 x 0.00005g | 51.84 x 0.00005g | 39.0 x 0.0005g |
| Tola (India) | 18.8 x 0.0001g | 27.4 x 0.0001g | 36.0 x 0.0001g | 53.1 x 0.0001g | 94.3 x 0.0001g | 138.8 x 0.0001g | 104 x 0.001g |
| Mesghal | 46.9 x 0.0005g | 68.2 x 0.0005g | 89.6 x 0.0005g | 132.2 x 0.0005g | 234.6 x 0.0005g | 345.6 x 0.0005g | 260 x 0.005g |

[^] Weighing Chamber

Specifications

| | GF-2002A | GF-3002A | GF-4002A | GF-6002A | GF-6001A | GF-10001A | GF-10002A | |
|-----------------------|--|----------------------------|---------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------------|----------------------------|
| Part# | 191714 | 191715 | 191716 | 191717 | 192486 | 192487 | 191718 | |
| List Price | \$1,425.00 | \$1,475.00 | \$1,899.00 | \$2,310.00 | \$1,575.00 | \$1,645.00 | \$2,850.00 | |
| Capacity | 2,200 g | 3,200 g | 4,200 g | 6,200 g | 6,200 g | 10,200 g | 10,200 g | |
| Resolution | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.1 g | 0.1 g | 0.01 g | |
| Operating Modes | Animal Weighing, Comparator Function, ACAI Counting Function, Percentage, Density Determination, Statistical Calculation | | | | | | | |
| Repeatability | 0.01 g | | | | | 0.1 g | 0.1 g | |
| Linearity | ±0.02 g | | ±0.03 g | | ±0.1 g | | ±0.03 g | |
| Stabilization Time | Approx. 1 second | | | | | Approx. 1.5 seconds | | |
| Operating Temperature | 41° F to 104° F (5° C to 40° C) | | | | | | | |
| Pan Size | 5 x 5 in (128 x 128 mm) | | | | | | 6.5 x 6.5 in (165 mm x 165 mm) | |
| Dimensions | (W x D x H) 8.3 x 12.5 x 3.7 in (212 x 317 x 93 mm) | | | | | | | |
| Est. Ship Weight | 11 lb (5 kg) | | | | | | | |
| Power | 120/240VAC adapter, Approx. 30VA | | | | | | | |
| Warranty | Five-year Limited Warranty | | | | | | | |
| Return Policy | A&D Weighing Standard Policy - restock fee may apply | | | | | | | |
| UNIT OF MEASURE | Gram | 2200 x 0.01 g | 3200 x 0.01 g | 4200 x 0.01 g | 6200 x 0.01 g | 6200 x 0.1 g | 10200 x 0.1 g | |
| | Ounce (Avoir) | 77.6 x 0.0005 g | 112.8 x 0.0005 g | 148.1 x 0.0005 g | 218.6 x 0.0005 g | 218 x 0.005 g | 359.7 x 0.0005 g | |
| | Pound | 4.85 x 0.00005 g | 7.05 x 0.00005 g | 9.25 x 0.00005 g | 13.66 x 0.00005 g | 13.6 x 0.0005 g | 22.4 x 0.0005 g | |
| | Pound/Ounce | 4 lb 13.60 oz x 0.01 oz | 7 lb 0.87 oz x 0.01 oz | 9 lb 4.15 oz x 0.01 oz | 13 lb 10.69 oz x 0.01 oz | 13 lb 10.69 oz x 0.01 oz | 22 lb 7.79 oz x 0.01 oz | 22 lb 7.79 oz x 0.01 oz |
| | Troy Ounce | 70.7 x 0.0005 g | 102.8 x 0.0005 g | 135.0 x 0.0005 g | 199.3 x 0.0005 g | 199 x 0.005 g | 327 x 0.005 g | |
| | Metric Carat | 11000 x 0.05 g | 16000 x 0.05 g | 21000 x 0.05 g | 31000 x 0.05 g | 31000 x 0.5 g | 51000 x 0.5 g | |
| | Momme | 586 x 0.005 g | 853 x 0.005 g | 1120 x 0.005 g | 1653 x 0.005 g | 1653 x 0.05 g | 2720 x 0.05 g | |
| | Pennyweight | 1414 x 0.01 g | 2057 x 0.01 g | 2700 x 0.01 g | 3986 x 0.01 g | 3986 x 0.1 g | 6558 x 0.1 g | |
| | Grain (UK) | 33951 x 0.2 g | 49383 x 0.2 g | 64815 x 0.2 g | 95680 x 0.2 g | 95680 x 2 g | 157410 x 2 g | |
| | Tael (HK general, Singapore) | 58.2 x 0.0005 g | 84.6 x 0.0005 g | 111.1 x 0.0005 g | 164.0 x 0.0005 g | 164.0 x 0.005 g | 269.0 x 0.005 g | |
| | Tael (HK jewelry) | 58.7 x 0.0005 g | 85.4 x 0.0005 g | 112.2 x 0.0005 g | 165.6 x 0.0005 g | 165.0 x 0.00005 g | 272.0 x 0.005 g | |
| | Tael (Taiwan) | 58.6 x 0.0005 g | 85.3 x 0.0005 g | 112.0 x 0.0005 g | 165.3 x 0.0005 g | 165.0 x 0.005 g | 272.0 x 0.005 g | |
| | Tael (China) | 70.4 x 0.0005 g | 102.4 x 0.0005 g | 134.4 x 0.0005 g | 198.4 x 0.0005 g | 198.0 x 0.005 g | 326.0 x 0.005 g | |
| Tola (India) | 188 x 0.001 g | 274 x 0.001 g | 360 x 0.001 g | 531 x 0.001 g | 531.0 x 0.01 g | 874.0 x 0.01 g | | |
| Mesghal | 769 x 0.005 g | 682 x 0.005 g | 896 x 0.005 g | 1322 x 0.005 g | 1322 x 0.05 g | 2176 x 0.05 g | | |

Apollo GF Series

Toploader Balances

Part Number/Price

| Part # | Model # | Description | Price |
|--------|-----------|-------------------|------------|
| 191707 | GF-203A | 220 g x 0.001 g | \$1,375.00 |
| 191708 | GF-303A | 320 g x 0.001 g | \$1,525.00 |
| 191709 | GF-403A | 420 g x 0.001 g | \$1,675.00 |
| 191710 | GF-603A | 620 g x 0.001 g | \$1,975.00 |
| 191711 | GF-1003A | 1,100 g x 0.001 g | \$2,375.00 |
| 191712 | GF-1603A | 1,620 g x 0.001 g | \$3,054.90 |
| 191713 | GF-1202A | 1,220 g x 0.01 g | \$1,375.00 |
| 191714 | GF-2002A | 2,200 g x 0.01 g | \$1,425.00 |
| 191715 | GF-3002A | 3,200 g x 0.01 g | \$1,475.00 |
| 191716 | GF-4002A | 4,200 g x 0.01 g | \$1,899.00 |
| 191717 | GF-6002A | 6,200 g x 0.01 g | \$2,310.00 |
| 192486 | GF-6001A | 6,200 g x 0.1 g | \$1,575.00 |
| 192487 | GF-10001A | 10,200 g x 0.1 g | \$1,645.00 |
| 191718 | GF-10002A | 10,200 g x 0.01 g | \$2,850.00 |

Options/Accessories

| Part # | A&D Model # | Description | Price |
|--------|--------------|--|----------|
| 192662 | GXA-03 | RS-232C Interface (D-sub 9P male) | \$230.00 |
| 192663 | GXA-04 | Comparator output (requires 192667) | \$220.00 |
| 192667 | AX-K05692 | MiniDIN 8 pin male for GXA-04 | \$45.00 |
| 192671 | GXA-06 | Analog output (includes 192673) | \$220.00 |
| 192673 | AX-K05693 | MiniDIN 4 pin male for GXA-06 | \$45.00 |
| 192674 | GXA-09 | Internal rechargeable battery (must be factory installed) | \$459.00 |
| 192675 | GXA-10 | Large glass breeze break | \$321.00 |
| 192676 | GXA-12 | Animal weighing pan (for models of 320 g capacity or higher) | \$139.00 |
| 192677 | GXA-13 | Density determination kit (for 1 mg models only) | \$503.00 |
| 192678 | GXA-17 | Large breeze break with built-in fanless ionizer (static eliminator) | \$925.00 |
| 192679 | GXA-23-PRINT | External key input interface for SW:137-PRINT foot switch | \$210.00 |
| 192680 | GXA-23-RZERO | External key input interface for SW:137-REZERo foot switch | \$210.00 |
| 192681 | GXA-23-PLUG | External key input interface for AX-T-314A-S plug | \$203.00 |
| 192682 | GXA-24 | USB host interface (USB A type) | \$108.00 |
| 192683 | GXA-25 | External fanless ionizer (static eliminator) | \$811.00 |
| 192684 | GXA-26 | External IR switch (MiniDIN 4 pin male) | \$171.00 |