The World’s Most User-Friendly Balances…
Our revolutionary Super Hybrid Sensor (SHS) technology improves response speed, accuracy and minimizes maintenance costs. SHS combines the best of magnetic force restoration and single point parallelogram load sensing technologies. Its unique design provides the fastest response speed in its class—just 1 second! And if the time ever comes when the SHS needs repair, you just replace one of three parts; there is no need to replace the whole sensor! This translates to minimum maintenance costs.

Motor-driven Internal Calibration
The GX internal calibration with an internal mass saves time and money. External calibration requires a great deal of skill, time and an expensive external mass. Our internal calibration means there is no downtime while a technician calibrates the balance.

- **Automatic Self Calibration** — Self-calibrates automatically when the balance detects ambient temperature changes.
- **One Touch Automatic Calibration** — Lets you calibrate the balance on demand with just the push of one button.

Just 1 Second — Ultra Fast Response Speed
- Ultra Fast Response Speed—Just 1 Second. Ideal for installation on filling machines.
- Ultra High Performance with minimum maintenance costs.

Standard RS-232C
Incorporates bi-directional communication with a PC, printer or other peripheral device.

Standard Windows Communication Tools Software WinCT
A free copy of WinCT-A&D’s powerful and flexible data collection software tool for virtually instant connection to a PC and a network of other devices.
PRECISION BALANCES

Splash Proof Keyboard and Display
Dust and spill protection up to IP54 level

GLP/GMP/GCP/ISO Compliance
Allows GLP or LIMS balance management. Data can be output to A&D’s AD-8121B printer or a computer, indicating date, time, Balance ID number, serial number and calibration data.

ID Number
The balance ID number can be set. It is used to identify the balance when GLP is used. The ID number is memorized and maintained once it is fixed, even if the AC adapter is removed.

Time & Date (GX only)
Standard Time & Date Function complies with GLP and Interval Weighing in the Data Memory Function

Commands
Control the balance with a PC using:
• Commands to query weighing data
• Commands to control the balance
• Commands to control the memory function
• Commands to control the comparator function

Large Square Weighing Pan
Standard on all models:
128 x 128mm for 0.001g resolution models
165 x 165 mm for 0.01g and 0.1g resolution models

Data Memory Function (Patent Pending)
Format the Data Memory Function for:
GX
• 200 sets of weighing data
• 100 sets of weighing data with Time & Date
• 50 sets of GLP Data—Time & Date, Calibration Data, ID number and Serial number
• 20 sets of Unit Weight for Counting Mode
GF
• 40 sets of weighing data
• 20 sets of Unit Weight for Counting Mode

Auto Self Checking
Automatically checks itself when setting the Automatic Adjustable Environment

Standard Underhook
Ideal for density determination and weighing magnetic substances.

Density Measurement Function
Picture shown with GX-13 Density Measurement Kit

Interval Time Setting
Weighing intervals of 2, 5, 10, 30 seconds and 1, 2, 5, 10 minutes in the Data Memory Function

Auto Power On Function
Plug it in and it turns itself on without pressing ON/OFF key

Display Auto Power Off Function
Display turns off after 10 minutes of inactivity (can be disabled)

Auto Re-Zero Function
Re-Zeroes automatically after data output

Multiple Weighing Units & Programmable Unit
Uses Programmable or standard units of measure (g, ct, dwt etc.)

Front Air Bubble Leveling
Easily check the balance’s level from the front

Quick Reference Card
A fast, convenient operating guide installed at the bottom of the balance
### GX/GF Series Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GX-200</th>
<th>GX-400</th>
<th>GX-600</th>
<th>GX-800</th>
<th>GX-1000</th>
<th>GX-2000</th>
<th>GX-4000</th>
<th>GX-6100</th>
<th>GX-6000</th>
<th>GX-8000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GF-200</td>
<td>GF-300</td>
<td>GF-400</td>
<td>GF-600</td>
<td>GF-800</td>
<td>GF-1000</td>
<td>GF-1200</td>
<td>GF-2000</td>
<td>GF-3000</td>
<td>GF-4000</td>
</tr>
<tr>
<td>Weighing capacity</td>
<td>210g</td>
<td>310g</td>
<td>410g</td>
<td>610g</td>
<td>810g</td>
<td>1010g</td>
<td>1210g</td>
<td>2100g</td>
<td>3100g</td>
<td>4100g</td>
</tr>
<tr>
<td>Minimum weighing value</td>
<td>0.001g</td>
<td>0.01g</td>
<td>0.1g</td>
<td>1.0g</td>
<td>10g</td>
<td>100g</td>
<td>200g</td>
<td>1000g</td>
<td>2000g</td>
<td>4000g</td>
</tr>
<tr>
<td>Repeatability (Standard Deviation)</td>
<td>0.001g</td>
<td>0.01g</td>
<td>0.1g</td>
<td>1.0g</td>
<td>10g</td>
<td>100g</td>
<td>200g</td>
<td>1000g</td>
<td>2000g</td>
<td>4000g</td>
</tr>
<tr>
<td>Other units of measure</td>
<td>Decimal ounce, Troy ounce, Pennyweight, Carat, Momme, Grain unit, Pound, Pound/Ounce</td>
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<tr>
<td>Linearity</td>
<td>0.0002%</td>
<td>0.0003%</td>
<td>0.0004%</td>
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<tr>
<td>Sensitivity drift (10°C to 30°C/50°F-80°F)</td>
<td>±2ppm/°C (When automatic self calibration is not used) ±5ppm/°C (auto-self calibration OFF)</td>
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<tr>
<td>Operating temperature</td>
<td>5°C to 40°C (41°F to 104°F), 85%RH or less (No condensation)</td>
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<tr>
<td>Display type</td>
<td>Vacuum Fluorescent Display (VFD)</td>
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<tr>
<td>Display refresh rate</td>
<td>5 times/second or 10 times/second</td>
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<tr>
<td>Counting mode</td>
<td>Minimum unit mass 0.001g, 0.01g, 0.1g</td>
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<tr>
<td>Number of samples</td>
<td>10, 25, 50 or 100 pieces</td>
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<tr>
<td>Percent mode</td>
<td>Minimum 100% reference mass 0.100g, 1.00g, 10.0g</td>
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<tr>
<td>Minimum 100% display</td>
<td>0.01%, 0.1%, 1% (Depends on reference mass stored)</td>
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<tr>
<td>Standard serial I/F</td>
<td>RS-232C Interface with Windows Communication Tools (WinCT: included as CD-ROM)</td>
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<tr>
<td>AC adapter</td>
<td>Approx. 11VA (supplied by AC adapter)</td>
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<tr>
<td>Net weight</td>
<td>Approx. 4.6kg(GX)/3.8kg(GF) Approx. 5.1kg(GX)/4.3kg(GF)</td>
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<tr>
<td>NTEP Class II Approved version</td>
<td>GF-200N GF-300N GF-600N GF-800N GF-1000N GF-2000N GF-3000N GF-4000N GF-6000N</td>
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</tbody>
</table>

**Options**
- **GX-02** Uni-directional USB interface with cable
- **GX-04** Comparator Output with a Buzzer/RS-232C/Current Loop Output
- **GX-06** Analog Output/Current Loop Output
- **GX-10** Breeze Break for GX-200/400/600/800/1000 and GF-200/300/400/600/800/1000
- **GX-11** Glass Breeze Break for GX-2000/4000/6100/6000/8000 and GF1200/2000/3000/4000/6100/6000/8000
- **GX-12** Animal weighing pan for all models except GX-200 and GF-200
- **GX-13** Density Determination Kit for GX 200/400/600/800/1000 and GF 200/300/400/600/800/1000

**Accessories**
- **AD-818** Dot Matrix Compact Printer
- **AD-990** Remote Display
- **AD-1682** Rechargeable Battery Unit (Maximum operating time: 8 hours)
- **K0:WW9/25** RS-232C Cable (25P-9P)
- **SW-128** Foot Switch
- **AX-073003691-S** Dust Cover for GX-200/400/600 and GF-200/300/400/600/800/1000
- **AX-073003692-S** Dust Cover for GX-2000/4000/6100/6000/8000 and GF1200/2000/3000/4000/6100/6000/8000

**Physical Dimensions**

<table>
<thead>
<tr>
<th>Pan Size (mm/inches)</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>128/5.03</td>
<td>128/5.03</td>
</tr>
<tr>
<td>GF-200/400/600/800/1000</td>
<td>165/6.49</td>
<td>165/6.49</td>
</tr>
<tr>
<td>GF-200/300/400/600/800/1000</td>
<td>165/6.49</td>
<td>165/6.49</td>
</tr>
</tbody>
</table>

**Dimensions With Optional Glass Breeze Break**

**Notes:** The internal mass is equal to (approximately) 500 grams. Standard breeze break included for GX-200/400/600/800/1000 and GF-200/300/400/600/800/1000. Specifications subject to change without notice.