Our revolutionary Super Hybrid Sensor (SHS) technology improves response speed, accuracy and minimizes maintenance costs.

SHS technology 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 1.5 seconds! 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 offers the user Minimum Maintenance Costs.

Motor-driven Internal Calibration GX-K
The GX-K internal calibration with an internal mass saves time and money. External calibration requires a great deal of skill, time and an expensive external mass. With our internal calibration with internal mass, the balance is calibrated very quickly.
- Automatic Self Calibration — Self-calibrates automatically when the balance detects ambient temperature changes.
- One Touch Automatic Calibration — Allows you to calibrate the balance on demand with just the push of a button.

Just 1.5 Seconds — Ultra Fast Response Speed
- Ultra Fast Response Speed – Just 1.5 Seconds.* Ideal for installation with filling machines. * “FAST” setting
- 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
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.

Water and Dust Proof
Balances protected from water and dust up to IP65 level.
GLP/GMP/GCP/ISO Compliance
Allows GLP or LIMS balance management by outputting the balance ID number and data used to calibrate the balance. The 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 in use. The ID number is memorized and maintained once it is fixed, even if the AC adapter is removed.

Data Memory Function
Format the Data Memory Function for:
GX-K • 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
• 20 sets of Upper and Lower Limit Values for Comparator Mode
• 20 sets of Tare Value
GF-K • 40 sets of weighing data
• 50 sets of Unit Weight for Counting Mode
• 20 sets of Upper and Lower Limit Values for Comparator Mode
• 20 sets of Tare Value

Smart Range Function (GX/GF-8K/32K models only)
Accurate, fine weighing is possible even with a heavy container.

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

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

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

Auto Re-Zero Function
Re-zeroes automatically after data output.

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

Quick Reference Card
A concise, convenient operating guide on the base of the balance.
### Specifications

<table>
<thead>
<tr>
<th></th>
<th>GX-8K</th>
<th>GF-8K</th>
<th>GX-8K2</th>
<th>GF-8K2</th>
<th>GX-10K</th>
<th>GF-10K</th>
<th>GX-12K</th>
<th>GF-12K</th>
<th>GX-20K</th>
<th>GF-20K</th>
<th>GX-30K</th>
<th>GF-30K</th>
<th>GX-32K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weighing capacity</td>
<td>8.1kg</td>
<td>8.1kg</td>
<td>2.1kg</td>
<td>10.1kg</td>
<td>12kg</td>
<td>21kg</td>
<td>31kg</td>
<td>31kg/6.1kg</td>
<td></td>
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</tr>
<tr>
<td>Minimum weighing value</td>
<td>0.01g</td>
<td>0.1g/0.01g</td>
<td>0.01g</td>
<td>0.1g</td>
<td>0.1g</td>
<td>0.1g</td>
<td>0.5g/0.1g</td>
<td></td>
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</tr>
<tr>
<td>Repeatability (Standard Deviation)</td>
<td>0.01g</td>
<td>0.05g/0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.2g</td>
<td>0.2g</td>
<td>0.2g</td>
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<tr>
<td>Linearity</td>
<td>±0.3g</td>
<td>±0.1g/±0.02g</td>
<td>±0.03g</td>
<td>±0.03g</td>
<td>±0.2g</td>
<td>±0.2g</td>
<td>±0.2g</td>
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<tr>
<td>Stabilization time (on FAST setting)</td>
<td>Approximately 1.5 seconds</td>
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<tr>
<td>Sensitivity drift</td>
<td>+2ppm/°C</td>
<td>+3ppm/°C</td>
<td>+2ppm/°C</td>
<td>±3ppm/°C</td>
<td>±5ppm/°C</td>
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<tr>
<td>Operating temperature &amp; humidity range</td>
<td>5°C to 40°C, below 85%RH (no condensation)</td>
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<tr>
<td>Calibration</td>
<td>Motor-driven Internal Calibration (GX-K)</td>
<td></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>
<tr>
<td>Counting mode</td>
<td>Minimum unit mass</td>
<td>0.01g</td>
<td>0.1g</td>
<td>0.01g</td>
<td>0.1g</td>
<td>1g</td>
<td></td>
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<tr>
<td>Minimum 100% reference mass</td>
<td>1g</td>
<td>10g</td>
<td>1g</td>
<td>10g</td>
<td>100g</td>
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<tr>
<td>Net weight</td>
<td>GX-K: Approximately 9.3kg / GF-K: Approximately 8.3kg</td>
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<tr>
<td>Transmission</td>
<td>RS-232C (provided as standard, with WinCT, our proprietary data transmission software)</td>
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<tr>
<td>Water and dust proof specifications</td>
<td>Compliant with IP65</td>
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<tr>
<td>Weighing pan dimensions</td>
<td>270(W) x 210(D) mm (10.62 x 8.26 inches)</td>
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<tr>
<td>External dimensions</td>
<td>300(W) x 355(D) x 111(H) mm (11.81 x 13.97 x 4.37 inches)</td>
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<tr>
<td>Power supply (AC adapter)</td>
<td>Confirm that the adapter type is correct for the local voltage and power receptacle</td>
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<tr>
<td>Physical Dimensions (mm / inches)</td>
<td>300 / 11.81</td>
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</tbody>
</table>

1. Even if a heavy tare is used, the measurement can still be made within the fine range. (Smart range function) (GX-8K2/32K)
2. We recommend regular calibration and maintenance using an external calibration mass for more accurate linearity (GX-K)
3. The internal mass is equal to approximately 600 grams. (GX-K)

### Options

- **GX-04K**<sup>✩</sup> Comparator Output with Buzzer / RS-232C/current loop output
- **GX-06K**<sup>✩</sup> Analog output/current loop output
- **GX-07K**<sup>✩</sup> Waterproof RS-232C cable (5m)
- **GXK-012** Animal weighing pan
- **GXK-015** Carrying case
- **GXK-04K** (GX-06K, and the RS-232C (provided as standard) cannot be used at the same time.

### Accessories

- **AD-1682** Rechargeable battery unit
- **AD-1863** Static eliminator
- **AD-1864** Electrostatic fieldmeter
- **AD-1868** Weighing data logger
- **AD-1869** Tweezers for calibration weight
- **AD-8121B** Compact printer
- **AD-8920A** Remote display
- **AD-8922A** Remote controller
- **AD-8526** Serial/Ethernet converter
- **AD-8527** Quick USB adapter
- **AX-GXX-31** Simple breeze break
- **AX-KO1710-200** RS-232C cable (25P-9P, 2m)
- **AX-SW128** Foot switch
- **AX-USB-25P** Serial/USB converter

Specifications subject to change for improvement without notice.

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<sup>✩</sup> Use the GX-07K optional water proof RS-232C cable in order to use the GX-04K or GX-06K is installed.

Water and dust proof specifications cannot be applied when the GX-04K or GX-06K is installed.

Carrying case

Animal weighing pan

Waterproof RS-232C cable (5m)

Analog output/current loop output

RS-232C (provided as standard, with WinCT, our proprietary data transmission software)

Try again