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.

(An additional benefit of our new SHS is that the GX automatically performs self calibration using the internal mass when the balance detects ambient temperature changes.)

Super Hybrid Sensor

Motor-driven Internal Calibration

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. With our internal calibration with internal mass, there is no downtime while the 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.

Calibration is essential for accuracy in weighing. For example, in high resolution balances, changes in sensitivity drift can be caused by changes in the ambient temperature. Take the GX 600 for example, the weight might change by ±0.010g with a change of 10°C. (Sample's weight: 500g)

The GX's internal calibration mass is adjusted to an “OIML F1 class level” by the standard balance calibrated with an “OIML E2 class level mass”. (The GX’s internal calibration mass is not “the standard mass for legal metrology” nor “OIML’s level of calibration mass.” Instead it is the mass for adjustment.)

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.

* On “FAST” setting

Note: USB hub and USB/RS-232C converter must be provided by end-user.
## TOPLOADABLE BALANCES

### Splash Proof Keyboard and Display
Balances protected from dust and spills up to IP54 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–8121 printer or a computer, indicating date, time, Balance ID number, serial number and calibration data.

### Standard RS-232C
Bi-directional communication with a PC or connects directly to a printer

### Commands
A PC can control the balance by sending commands to the balance.
- Commands to query weighing data
- Commands to control the balance
- Commands to control the memory function
- Commands to control the comparator function

### 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.

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

### 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

### Time & Date (GX 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

### 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

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

### Large Square Weighing Pan
Standard large square weighing pan on all models
- 128 x 128mm for 0.001g resolution models
- 165 x 165 mm for 0.01g and 0.1g resolution models

### 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

**Options**
- **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 and GF-200/300/400/600
- **GX-11** Glass Breeze Break for GX-2000/4000/6000/6000 and GF-200/300/400/600
- **GX-12** Animal weighing pan for GX-2000/4000/6000/6000 and GF-300/400/600/1200/2000/3000/4000/6100/6000/8000
- **GX-13** Density Determination Kit for GX-200/400/600 and GF-200/300/400/600

* NTEP Class II versions available on request

Notes: The internal mass is equal to (approximately) 500 grams. Standard breeze break included for GX-200/400/600 and GF-200/300/400/600

**Accessories**
- **AD-8121** Dot Matrix Compact Printer
- **AD-8118B** Universal Printer
- **AD-8920** Remote Display
- **AD-1682** Rechargeable Battery Unit
- **AX-KO1710-200** RS-232C Cable (25P-9P)
- **AX-SW-128** Foot Switch
- **AX-073003691-S** Dust Cover for GX-200/400/600 and GF-200/300/400/600
- **AX-073003692-S** Dust Cover for GX-2000/4000/6000/6000 and GF-1200/2000/3000/4000/6100/6000/8000

**Physical Dimensions (mm/inches)**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
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<tbody>
<tr>
<td>GX-200/400/600</td>
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**Pan Size (mm/inches)**

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Dimensions With Optional Glass Breeze Break (mm/inches)

**Specifications subject to change without notice.**