Precision Balances
with Internal Cal. Weights (GX only)

GX
GF

Resolution 0.001g

Most User-Friendly Balances...

New Technology
SHS (Super Hybrid Sensor) Built-in

Our revolutionary Super Hybrid Sensor (SHS) technology provides the fastest response speed in its class – just 1 second!

GX-200
210g x 0.001g
GX-400
410g x 0.001g
GX-600
610g x 0.001g
GX-2000
2100g x 0.01g
GX-4000
4100g x 0.01g
GX-6100
6100g x 0.01g
GX-6000
6100g x 0.1g
GX-8000
8100g x 0.1g

GF-200
210g x 0.001g
GF-300
310g x 0.001g
GF-400
410g x 0.001g
GF-600
610g x 0.001g
GF-1200
1210g x 0.01g
GF-2000
2100g x 0.01g
GF-3000
3100g x 0.01g
GF-4000
4100g x 0.01g
GF-6100
6100g x 0.01g
GF-6000
6100g x 0.1g
GF-8000
8100g x 0.1g

Ultra Fast Response Speed-Just 1 Second

Ultra Fast Response Speed – Just 1 Second* Ideal for installation on Filling Machines *On "FAST" setting
Ultra High Performance with Minimum Maintenance Costs

Left: with optional glass breeze break
Middle: with standard breeze break

Front Air Bubble Leveling

Easily check the balance's level from the front

Dustproof

Balances protect from dust and spills up to IP54 level

Large Square Weighing Pan

Standard large square weighing pan on all models

GOOD DESIGN AWARD 2000 by the Ministry of International Trade and Industry (MITI)

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Internal Calibration (GX only)

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 – Performs self calibration automatically when a change of ambient temperature exceeds the preset temperature range
- One Touch Calibration – Allows quick calibration with one press of the CAL key
- 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)

OIML Calibration Tolerance

OIML	E2 Class	F1 Class
200g	±0.30mg	±1mg
500g	±0.75mg	±2.5mg
5000g	±7.5mg	±25mg

Clear VFD Display

Easy to see – even in the dark
Wide angle view prevents mistakes

WinCT-Windows Communication Tools

WinCT®

WinCT is Windows Communication Tools Software, providing easy transmission of weighing data from A&D balances to a computer using RS-232C interface
You can quickly collect data into Windows applications in a manageable format limited only by your own computer's capabilities

Data Memory Function

Format the Data Memory Function for:
*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

GLP/GMP/ISO Compliance

Connecting to a printer, Standard Time & Date Function complies with GLP and Interval Weighing in the Data Memory Function

Standard RS-232C Interface

Using a USB/RS-232C Converter, you can transfer data between a USB equipped PC and multiple GX/GF balances
This also makes your GX/GF balance hot-swappable-no need to turn the balance and computer off before disconnecting the balance

Multiple Weighing Units & Programmable Unit

Uses Programmable or standard units of measure (g, ct, dwt etc.)

Model		GX-200 / GF-200	GF-300	GX-400 / GF-400	GX-600 / GF-600	GF-1200	GX-2000 / GF-2000	GF-3000	GX-4000 / GF-4000	GX-6100 / GF-6100	GX-6000 / GF-6000	GX-8000 / GF-8000
Capacity		210g	310g	410g	610g	1210g	2100g	3100g	4100g	6100g	6100g	8100g
Resolution		1mg				10mg					0.1g	
Counting Mode	Min. Unit Mass	1mg				10mg					0.1g	
	Sample	10, 25, 50 or 100 pieces										
Percent Mode	Min.100% Registered Mass	0.100g				1.00g					10.0g	
	Min.100% Display	0.01%, 0.1%, 1% (Depends on the reference mass stored)										
Pan Size		128 x 128mm / 5.0 x 5.0inches				165 x 165mm / 6.5 x 6.5inches						

Interval Time Setting

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

Time & Date

Standard Time & Date Function complies with GLP and Interval Weighing in the Data Memory 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 not used)

Auto Self Checking

Automatically checks itself when setting the Automatic Adjustable Environment

Auto Power On Function

Plug it in and it turns itself on without pressing the ON/OFF key

Animal weighing

By holding the average of measurements, it allows you to weigh anymals easily

ACAI Counting Function

Automatic Counting Accuracy Improvement continuously recalculates and updates the average piece weight, ensuring optimum count accuracy even with very small parts

Comparator Display

The results of the comparison are indicated by HI, OK, LO on the display

Splash Proof Keyboard and Display

Balances protected from dust and spills up to IP54 level

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

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

Large Square Weighing Pan

Standard large square weighing pan on all models

128x128mm: GX200/400/600
GF200/300/400/600

165x165mm: GX2000/4000/6100/6000/8000
GF1200/2000/3000/4000/6000/6100/8000

Standard Underhook

Ideal for density determination and weighing magnetic substances

Auto Re-Zero Function

Re-Zeroes automatically after data output

Options

OP-04-GX*	Comparator Output with RS-232C/Carrent Loop Interface
OP-06-GX*	Analog Output with Carrent Loop Interface
OP-10-GX	Glass Breeze Break for GX-200/400/600 GF-200/300/400/600
OP-11-GX	Glass Breeze Break for GX-2000/4000/6100/6000/8000 GF-1200/2000/3000/4000/6100/6000/8000
OP-12-GX	Animal Weighing Pan for GX-400/600/2000/4000/6100/6000/8000 GF-300/400/600/1200/2000/3000/4000/6100/6000/8000
OP-13-GX	Density Determination Kit for GX-200/400/600 GF-200/300/400/600

* 04 & 06 cannot co-exist. Factory installed option.

Accessories

AD-8121	Dot Matrix Compact Printer
AD-8118B	Universal Printer
AD-8920	External Display
AX-KO1710-200	RS-232C Cable(25P-9P)
AX-SW128	Foot Switch
AX-073003691-S	Dust Cover for GX-200/400/600, GF-200/300/400/600
AX-073003692-S	Dust Cover for GX-2000/4000/6100/6000/8000 GF-1200/2000/3000/4000/6100/6000/8000

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