

Taking Weighing Precision and Protection to new heights

Precision balances for industrial weighing

The GX-L high capacity precision balances were designed for applications that require laboratory accuracy but with industrial protection. The EMFC weighing system is protected by a durable metal housing and offers a maximum capacity of 100 kg. The following features help to set the GX-L apart from the competition.

Practical Features

Flexible display position: The swing-arm display stand allows users to easily adjust the height or relocate the display from a rear column setup to front mounted depending on the user's preference. Alternatively, certain models have a remote display stand that can be wall mounted away from the platform for easier viewing or to protect the display from harsh environments.

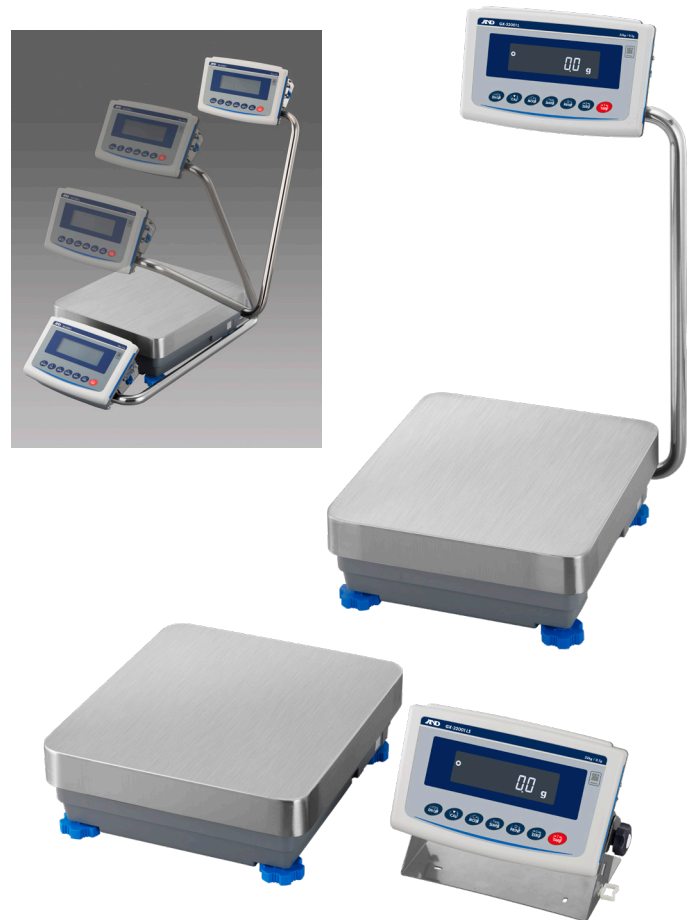
IP65 Protection: All models are IP65 rated for protection against dust and washdown, making them an ideal choice for applications weighing liquid/powder or for dusty environments.

Communication: The GX-L comes standard with RS232 and bi-directional USB (cable included). Additionally, the balance maintains its IP65 protection rating with the use of USB or RS232 making it even better suited for dirty/wet environments.

Internal Calibration: With automatic internal calibration, it can be set to adjust automatically according to set execution conditions (temperature change, preset time or interval) to maintain accuracy even in changing environmental conditions.

Level Detection: To ensure accurate measurements, the GX-L will display a blinking alert (TILT) when the device is out of level, prompting users to adjust.

User Access Control: Password protection is offered 2 ways. First is to limit use to up to 11 authorized individuals (including 1 admin) and requiring a password for each user. The second is to set a password only for the admin so that they can make changes, but allowing anyone to use the balance without requiring a password (measurements only).



KEY FEATURES:



IP65 Protection



Internal Calibration



RS-232C Standard



Super Hybrid Sensor



USB - Bidirectional
Standard



User Access Control

Models	GX-12001L	GX-22001L	GX-32001L, GX-32001LS	GX-32001LD, GX-32001LDS
Capacity	12 kg	22 kg	32 kg	6.2 kg / 32 kg ⁱ
Readability (d)	0.1 g			0.1 g / 1 g ⁱ
Repeatability (std. deviation)	0.1 g			0.1 g / 0.5 g
Minimum unit weight ⁱⁱ	140 g			
Linearity	±0.2 g			±0.2 g / ±1 g
Sensitivity drift (10 to 30 °C/50 to 86 °F, when automatic self sensitivity adjustment is OFF)	±3 ppm/°C			±5 ppm/°C
Operating environment	5 to 40 °C (41 to 104 °F), 85%RH or less (no condensation)			
Data memory	200 weighing results + 50 sensitivity adjustment/calibration test results (with timestamps), 50 unit masses for counting mode, 20 sets of upper/lower limit values for comparator mode, and 20 tare values			
Display refresh rate	5 times/second, 10 times/second, or 20 times/second			
Units of measure	g (gram), kg (kilo gram), oz (ounce), lb (pound), lb-oz (pound-ounce), ozt (troy ounce), ct (metric carat), mom (momme), dwt (pennyweight), pcs (counting mode), % (percent mode), DS (density mode), and a user-programmable unit			
Communication interface	RS-232C (D-Sub 9-pin) and USB (mini B)			
Applicable calibration weight value	5 kg, 10 kg	5 kg, 10 kg, 20 kg	5 kg, 10 kg, 20 kg, 30 kg	
Weighing pan size	15.2" x 13.5"			
External dimensions	Swing-arm type (GX-L): 14.6" (W) × 24.2" (D) × 5.1" (H) ^{iv} / Separate type (GX-LS): 13.5" (W) × 17.4" (D) × 5.1" (H) ^{iv}			
Net weight	17 kg			
Number of samples	5, 10, 25, 50, 100, or an arbitrary number of pieces			
Stabilization time	Reverse Backlit LCD (Character height: 0.7")			
Dust and waterproof rating	IP65			
Power supply/consumption	AC adapter / approx. 30 VA			
Standard accessories	Display cover, AC adapter, USB cable (6'), Cable clamp × 2 ^{vi}			

Models	GX-42001L	GX-62001L, GX-62001LS	GX-62000L, GX-62000LS	GX-102000L, GX-102000LS
Capacity	42 kg	62 kg	62 kg	102 kg
Readability (d)	0.5 g	0.1 g	1 g	
Repeatability (std. deviation)	0.5 g	0.2 g	0.7 g	1 g
Minimum unit weight ⁱⁱ	410 g	140 g	1.4 kg	
Linearity	±1 g	±0.5 g	±1 g	±2 g
Stabilization time (typical when set to FAST)	Approx. 1.5 seconds			
Sensitivity drift (10 to 30 °C/50 to 86 °F, when automatic self sensitivity adjustment is OFF)	±5 ppm/°C	±6 ppm/°C		
Accuracy immediately after internal sensitivity adjustment ⁱⁱⁱ	±1.5 g	±3 g	±5 g	±10 g
Operating environment	5 to 40 °C (41 to 104 °F), 85%RH or less (no condensation)			
Data memory	200 weighing results + 50 sensitivity adjustment/calibration test results (with timestamps), 50 unit masses for counting mode, 20 sets of upper/lower limit values for comparator mode, and 20 tare values			
Display refresh rate	5 times/second, 10 times/second, or 20 times/second			
Units of measure	g (gram), kg (kilo gram), oz (ounce), lb (pound), lb-oz (pound-ounce), ozt (troy ounce), ct (metric carat), mom (momme), dwt (pennyweight), pcs (counting mode), % (percent mode), DS (density mode), and a user-programmable unit			
Communication interface	RS-232C (D-Sub 9-pin) and USB (mini B)			
Applicable calibration weight value	10 kg, 20 kg, 30 kg, 40 kg	10 kg, 20 kg, 30 kg, 40 kg, 50 kg, 60 kg	10 kg, 20 kg, 30 kg, 40 kg, 50 kg, 60 kg	10 kg, 20 kg, 40 kg, 50 kg, 60 kg, 80 kg, 100 kg
Weighing pan size	15.2" x 13.5"			
External dimensions	Swing-arm type (GX-L): 14.6" (W) x 24.2" (D) x 5.1" (H) ^{iv} / Separate type (GX-LS): 13.5" (W) x 17.4" (D) x 5.1" (H) ^{iv}			
Net weight	17 kg			18 kg
Dust and waterproof rating	IP65			
Power supply/consumption	AC adapter / approx. 30 VA			
Standard accessories	Display cover, AC adapter, USB cable (6'), Cable clamp x 2 ^{vi}			

ⁱ Smart range function: Automatically switches between the precision and standard ranges, and recovers the full precision range with a press of the TARE key.

ⁱⁱ Pursuant to the United States Pharmacopeia (USP), Chapter 41.

ⁱⁱⁱ Under a stable environment: No rapid temperature/humidity change, vibration, draft, magnetism, static, etc., between 10 °C and 30 °C (50 °F and 86 °F). The mass of the internal weight may vary with age.

^{iv} Dimensions when the swing-arm stand is pulled fully down.

^v Dimensions of the base unit. The dimensions of the display unit is 10.25" (W), 6.5" (D), 7.9" (H), and the cable length is 9.8 ft.

^{vi} Not provided for the separate type (GX-LS).



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