A&D Weighing

2026

Industrial Weighing

Scales, Indicators and Production Weigh Modules

andweighing.com

Overview

On the following pages you will find an overview of the industrial weighing scales and precision industrial balances from A&D Weighing.

About A&D Weighing

A&D is a global leader in advanced measurement instruments. A&D Weighing serves the Americas from our Silicon Valley headquarters in San Jose, Calif. We are a trusted name in many markets including:

- Industrial Production & OEM
- Laboratory
- Food Processing

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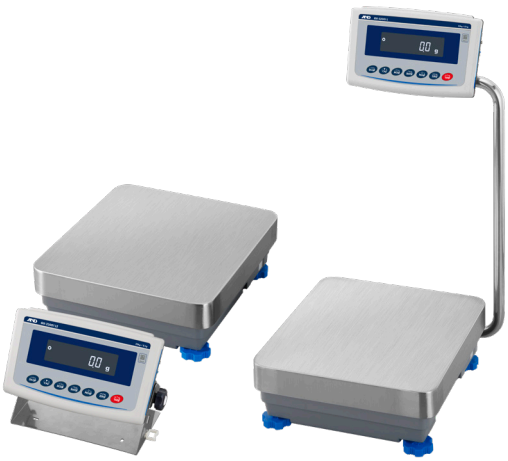
Industrial Precision Balances



GX-L Series

High Capacity Lab Balance with Swing arm or Modular display

- Successor to the GP Series
- Large Reverse Backlit LCD Display.
- Swing Arm Design or deteched display.
- IP65 Dust and Water protection, aluminum and stainless steel construction, standard RS232 and USB.
- Automatic Internal Calibration.
- Hi/Low comparator, accumulation function, counting, percent and below weighing.
- 5 Year Warranty.

Capacity	Resolution	Pan Size	Model
12 kg	0.1 g	15.2 x 13.5”	GX-12001L
12 kg	1 g	15.2 x 13.5”	GX-12001LN
22 kg	0.1 g	15.2 x 13.5”	GX-22001L
22 kg	1 g	15.2 x 13.5”	GX-22001LN
32 kg	0.1 g	15.2 x 13.5”	GX-32001L
32 kg	1 g	15.2 x 13.5”	GX-32001LN
32 kg	0.1 g	15.2 x 13.5”	GX-32001LS
6/32 kg	0.1/1 g	15.2 x 13.5”	GX-32001LD
6/32 kg	0.1/1 g	15.2 x 13.5”	GX-32001LDS
42 kg	0.5 g	15.2 x 13.5”	GX-42001L
62 kg	0.1 g	15.2 x 13.5”	GX-62001L
62 kg	0.1 g	15.2 x 13.5”	GX-62001LS
62 kg	1 g	15.2 x 13.5”	GX-62000L
62 kg	1 g	15.2 x 13.5”	GX-62000LS
102 kg	1 g	15.2 x 13.5”	GX-102000L
102 kg	10 g	15.2 x 13.5”	GX-102000LN
102 kg	1 g	15.2 x 13.5”	GX-102000LS
102 kg	10 g	15.2 x 13.5”	GX-102000LSN

Note: GP-30KN & GP-30KSN are trade-legal class II. NTEP CoC 21-003 with e=1 g

Intrinsically Safe Weighing

Capacity	Resolution	Pan Size	Model
300 g	0.01 g	Ø 4.3”	EK-300AEP
3000 g	0.1 g	5.2 x 6.7”	EK-3000AEP
12 kg	0.001 kg	5.2 x 6.7”	EK-12KAEP

EK-AEP Compact Balances

- Conforms to: IECEx: Ex ia op is IIB T3 Ga ATEX: II 1G Ex ia op is IIB T3 Ga FM/FMc (NEC505): Class I, Zone 0, AEx/ Ex ia op is IIB T3 FM/FMc (NEC500): IS / I / 1 / C, D / T3C Tamb -25 to +40°C
- Battery operation with up to 250 hours for portability, requires no external power supply
- Stainless steel weighing pan, easy-to-read bright LCD display with backlight, external calibration
- Application modes include counting, percent weighing checking sample variation Hi/Low comparator function for fast and accurate filling, packing, sorting. Multiple weighing units
- Options for intrinsically safe communication beyond hazardous area
- Contact A&D for communications options and accessories
- 2-year A&D warranty

Capacity	Resolution	Pan Size	Model
20 lb / 10 kg	0.002 lb / 0.001 kg	9.8 x 9.8”	HW-10KCEP
150 lb / 60 kg	0.01 lb / 0.005 kg	13 x 16.7”	HW-60KCEP
200 lb / 100 kg	0.02 lb / 0.01 kg	15.4 x 20.9”	HW-100KCEP
500 lb / 220 kg	0.05 lb / 0.02 kg	15.4 x 20.9”	HW-200KCEP

HW-CEP Bench Scales

- FM, FMc Class I, Division 1, Groups C and D. IECEx, ATEX for; AEx is for Class I, Zone 0, Group IIB.
- Fast stabilization time - 1.5 seconds. IP65 dust and water protection (platform only)
- Battery operation with 4 D cells (not included), up to 1500 hours run time
- Application modes include Hi/Low comparator, counting, and multiple weighing units
- Backlit LCD display with alphanumeric keypad GLP/GMP/ISO Compliant
- 2-year A&D warranty

Bench Scales – Dry Use

EK-LN Precision Bench Scales

- Large weighing pan for measurements of bulky objects or quantities
- Legal-for-Trade US (NTEP) and Canada (MC)
- Hygienic and scratch-resistant stainless steel (SUS430) weighing pan
- Easy-to-read LCD display, white backlight, Standard RS-232C interface
- GLP/GMP/GCP/ISO compliant
- Operation with either AC adapter or optional rechargeable battery
- 2-year A&D warranty

Capacity	Resolution	Pan Size	Model
33 lbs 15 kg	0.005 lbs 0.002 kg	11.8 x 8.3”	EK-15KLN
60 lbs 30 kg	0.01 lbs 0.005 kg	11.8 x 8.3”	EK-30KLN

FG-K Series

- “N” models (in grey below) Legal-for-Trade US (NTEP) and Canada (MC).
- Other models are high resolution up to 12,000 divisions
- Fast stabilization time - 1 second, stainless steel weighing pan. Simple four key operation
- Display configurations include column mount (“A”), base mount (“B”) below, wall mount bracket option
- Battery operation with 4 C cells (not included), up to 150 hours run time. AC adapter included
- Application modes include Hi/Low comparator, counting, and multiple weighing units.
- 2-year A&D warranty

Capacity (lb / kg)		Resolution (lb / kg)		Pan Size (in)	Model	Column
60	30	0.005	0.002	11.8 x 15	FG-30KBM	No
60	30	0.02	0.01	11.8 x 15	FG-30KBMN	No
60	30	0.005	0.002	11.8 x 15	FG-30KAM	Yes
60	30	0.02	0.01	11.8 x 15	FG-30KAMN	Yes
150	60	0.01	0.005	11.8 x 15	FG-60KBM	No
150	60	0.05	0.02	11.8 x 15	FG-60KBMN	No
150	60	0.01	0.005	11.8 x 15	FG-60KAM	Yes
150	60	0.05	0.02	11.8 x 15	FG-60KAMN	Yes
150	60	0.01	0.005	15.4 x 20.9	FG-60KAL	Yes
150	60	0.05	0.02	15.4 x 20.9	FG-60KALN	Yes
300	150	0.02	0.01	11.8 x 15	FG-150KBM	No
300	150	0.1	0.05	11.8 x 15	FG-150KBMN	No
300	150	0.02	0.01	11.8 x 15	FG-150KAM	Yes
300	150	0.1	0.05	11.8 x 15	FG-150KAMN	Yes
300	150	0.02	0.01	15.4 x 20.9	FG-150KAL	Yes
300	150	0.1	0.05	15.4 x 20.9	FG-150KALN	Yes
400	200	0.02	0.01	15.4 x 20.9	FG-200KAL	Yes
400	200	0.1	0.05	15.4 x 20.9	FG-200KALN	Yes

Note: NTEP models in grey with “N” suffix.

Bench Scales – Dry Use

HV-C/HV-CP Series

with Comparator Lights

- HV-C are Legal-for-Trade US (NTEP) and Canada (MC)
- Fast stabilization within 1 second, IP65 dust and water protection for base (load cell and pan), stainless steel pan. Built-in printer with CP models
- Battery operation (-C models) with 4 D cells (not included), up to 1200 hours run time
- Backlit LCD display, bright multi-colored 5-step LED comparator lights.
- 10-digit alphanumeric keypad
- Three Interface slots for optional communication interfaces: USB, RS-232, relay
- 2-year A&D warranty

HW-C/HW-CP Series

- High resolution version of HV-C, with same rich feature set
- CP models have built-in printer
- 2-year A&D warranty

Capacity		Resolution		Pan Size	High-Resolution	Model	Printer Version
6/15/30 lb	3/6/15 kg	0.002/0.005/0.01 lb	0.001/0.002/0.005 kg	9.8 x 9.8”		HV-15KC	HV-15KCP
30/60/150 lb	15/30/60 kg	0.01/0.02/0.05 lb	0.005/0.01/0.02 kg	13 x 16.7”		HV-60KC	HV-60KCP
150/300/500 lb	60/150/220 kg	0.05/0.1/0.2 lb	0.02/0.05/0.1 kg	15.4 x 20.9”		HV-200KC	HV-200KCP
20 lb	10 kg	0.002 lb	0.001 kg	9.8 x 9.8”	Yes	HW-10KC	HW-10KCP
150 lb	60 kg	0.01 lb	0.005 kg	13 x 16.7”	Yes	HW-60KC	HW-60KCP
200 lb	100 kg	0.02 lb	0.01	15.4 x 20.9”	Yes	HW-100KC	HW-100KCP
500	220	0.05	0.02	15.4 x 20.9”	Yes	HW-200KC	HW-200KCP

Note: NTEP models in grey.

Bench Scales – Washdown

SWF Series

- IP69K - the highest level of dust and water protection, for high pressure/temp washdown
- Stainless steel weigh pan, frame, column, and sensor
- Legal for Trade for US (NTEP) and Canada (MC), NSF listed to meet HACCP requirements
- Operates on AC or optional rechargeable battery
- Fast stabilization time - 1 second. Large multicolored LED display
- Hi/Low comparator, counting, and multiple units
- 2-year A&D warranty

Capacity		Resolution		Pan Size	Model
13 lb	6 kg	0.001 lb	0.001 kg	9.8 x 9.8”	SW-6KSF
33 lb	15 kg	0.002 lb	0.002 kg	9.8 x 9.8”	SW-15KSF
33 lb	15 kg	0.002 lb	0.002 kg	11.8 x 15.0”	SW-15KMF
66 lb	30 kg	0.005 lb	0.005 kg	11.8 x 15.0”	SW-30KMF
130 lb	60 kg	0.01 lb	0.01 kg	11.8 x 15.0”	SW-60KMF
130 lb	60 kg	0.02 lb	0.02 kg	15.4 x 20.9”	SW-60KLF
330 lb	150 kg	0.01 lb	0.01 kg	11.8 x 15.0”	SW-150KMF
330 lb	150 kg	0.02 lb	0.02 kg	15.4 x 20.9”	SW-150KLF

Note: NTEP models in grey.

SC Series

- Fast stabilization time - 1 second. Stainless steel weigh pan, stainless steel frame and column
- IP68 dust and water protection. Washdown construction for easy cleaning
- Legal for Trade for US (NTEP) and Canada (MC),
- Battery operation with 6 D cells (not included), up to 4500 hours run time
- Application modes include Hi/Low comparator, counting, and multiple weighing units
- Supersized LCD with 39 mm character height.
- 2-year A&D warranty

SE Series

Identical to SC Series except epoxy-coated mild steel column, frame base.

- IP68 dust and water protection. Washdown construction for easy cleaning
- Legal for Trade for US (NTEP) and Canada (MC),
- 2-year A&D warranty

Capacity (lb / kg)		Resolution (lb / kg)		Pan Size (in)	SC Model	SE Model
66	30	0.01	0.005	11.8 x 15	SC-30KAM	SE-30KAM
130	60	0.02	0.01	11.8 x 15	SC-60KAM	SE-60KAM
130	150	0.02	0.02	15.4 x 20.9	SC-60KAL	SE-60KAL
330	60	0.05	0.01	11.8 x 15	SC-150KAM	SE-150KAM
330	150	0.05	0.02	15.4 x 20.9	SC-150KAL	SE-150KAL

Note: NTEP models in grey.

Bench Scales – Washdown

HV-CWP Series

with Comparator Lights

- Legal-for-Trade US (NTEP) and Canada (MC)
- Stainless steel display and pan
- Backlit LCD display, bright multi-colored 5-step LED comparator lights
- 10-digit alphanumeric keypad
- Full washdown with IP65 dust and water protection rating
- Maintains IP65 even with optional communication interfaces: USB, RS-232, relay
- 2-year A&D warranty

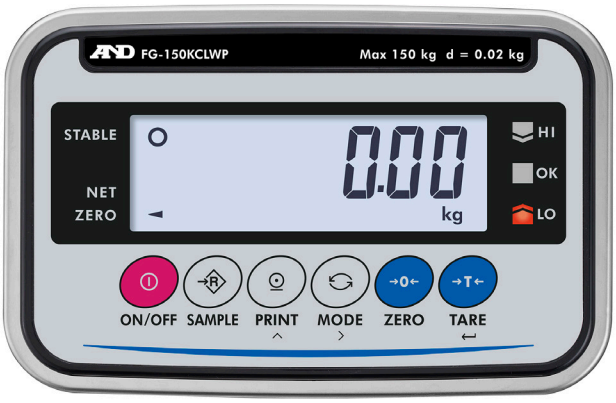
HW-CWP Series

- High resolution version of HV-CWP, with same rich feature set
- 2-year A&D warranty

Capacity		Resolution		Pan Size	High- Resolution	Model
6/15/30 lb	3/6/15 kg	0.002/0.005/0.01 lb	0.001/0.002/0.005 kg	9.8 x 9.8”		HV-15KCWP
30/60/150 lb	15/30/60 kg	0.01/0.02/0.05 lb	0.005/0.01/0.02 kg	13 x 16.7”		HV-60KCWP
150/300/500 lb	60/150/220 kg	0.05/0.1/0.2 lb	0.02/0.05/0.1 kg	15.4 x 20.9”		HV-200KCWP
20 lb	10 kg	0.002 lb	0.001 kg	9.8 x 9.8”	Yes	HW-10KCWP
150 lb	60 kg	0.01 lb	0.005 kg	13 x 16.7”	Yes	HW-60KCWP
200 lb	100 kg	0.02 lb	0.01 kg	15.4 x 20.9”	Yes	HW-100KCWP
500 lb	220 kg	0.05 lb	0.02 kg	15.4 x 20.9”	Yes	HW-200KCWP

Note: NTEP models in grey.

Bench Scales – Washdown



FG-CWP Series

- All-stainless construction.
- IP67 dust and waterproof.
- Cleanable with 70% diluted alcohol.
- GMP/GLP compliant output to meet documentation requirements.
- USB power: AC adapter with cable (included), select external USB power packs, PC port.
- Bluetooth option.
- Traffic-light comparator for confident weighing.
- Auto-tare and negative comparison functions for "take-away" check weighing.
- Freely adjustable display angle.
- Password lock and key restriction functions.
- Weighs in kg, g, lb, oz, lb-oz.

Capacity		Resolution		Pan Size	Model
66 lb	30 kg	0.02 lb	0.01 kg	12 x 15”	FG-30KCMWP
133 lb	60 kg	0.05 lb	0.02 kg	14.5 x 19.7”	FG-60KCLWP
330 lb	150 kg	0.1 lb	0.05 kg	14.5 x 19.7”	FG-150KCLWP
66 lb	30 kg	0.02 lb	0.01 kg	12 x 15”	FG-30KACMWP
133 lb	60 kg	0.05 lb	0.02 kg	14.5 x 19.7”	FG-60KACLWP
330 lb	150 kg	0.1 lb	0.05 kg	14.5 x 19.7”	FG-150KACLWP

Compact Bench Scales – Washdown

SK-WPF Series

- Stainless steel body and weighing pan, IP65 dust and water protection. Large clear LCD display
- NTEP Legal for Trade (US) and Measurement Canada Approved
- Battery operation with 6 D cells (not included), up to 1,600 hours run time. Optional AC adapter
- Easy one-touch full digital calibration

NSF Compliant | IP65 | Normal Battery

Capacity		Resolution		Pan Size	Model
2.2 lb	1000 g	0.001 lb	0.5 g	9.1 x 7.5”	SK-1000WPF
			1 g	9.1 x 7.5”	SK-2000WPF
11 lb	5000 g	0.005 lb	2 g	9.1 x 7.5”	SK-5000WPF
5000 g		1 g		9.1 x 7.5”	SK-5001WPF
22 lb	10 kg	0.01 lb	5 g	9.1 x 7.5”	SK-10KWPF
44 lb	20 kg	0.02 lb	10 g	9.1 x 7.5”	SK-20KWPF

Note: NTEP models in grey

HL-WPF Series

- NTEP Legal-For-Trade models (see table)
- Easy to read clear LCD readout
- Battery level indicator with Auto Power-Off
- Higher capacity model feature large pan size

NSF Compliant | IP65 | Normal Battery

Capacity		Resolution		Pan Size	Model
10.5 oz	300 g	0.01 oz	0.1 g	5” x 5”	HL-300WPF
2.2 lb	1000 g	0.001 lb	0.5 g	5” x 5”	HL-1000WPF
6.6 lb	3000 g	0.002 lb	1 g	5” x 5”	HL-3000WPF
6.6 lb	3000 g	0.002 lb	1 g	5.4” x 6.8”	HL-3000LWPF
6.6 lb	3000 g	0.002 lb	1 g	5” x 5”	HL-3000WPNF
6.6 lb	3000 g	0.002 lb	1 g	5.4” x 6.8”	HL-3000LWPNF

Note: NTEP models in grey.

Checkweighing Scales – Washdown

SJ-WPF Series

- Ultra-fast stabilization time - 0.5 seconds.
- Check-weighing scale with 9.1” x 7.5” stainless steel pan.
- IP65 dust and water rated. NSF listed to meet HACCP requirements.
- Up to 5000 hours with 6 D cells
- Application modes include Hi/Low comparator and multiple weighing units.
- Take-away (negative checkweighing)
- 2-year A&D warranty.

SJ-WP-BTF Series

- High-resolution - only version of the SJ-WP with Bluetooth
- Wireless connection to external remote display, AD-8931
- Wireless connection to PC via USB dongle AD-8541-PC
- 2-year A&D warranty

Capacity		Resolution (LFT mode)		Model
6.6 lb	3000 g	0.0002 (0.002) lb	0.1 (1) g	SJ-3000WPF
13 lb	6000 g	0.0005 (0.005) lb	0.2 (2) g	SJ-6000WPF
33 lb	15 kg	0.001 (0.01) lb	0.5 (5) g	SJ-15KWPF
66 lb	30	0.002 (0.02) lb	1 (10) g	SJ-30KWPF
6.6 lb	3000 g	0.0002 lb	0.1 g	SJ-3000WP-BTF
13 lb	6000 g	0.0005 lb	0.2 g	SJ-6000WP-BTF
33 lb	15 kg	0.001 lb	0.5 g	SJ-15KWP-BTF
66 lb	30 kg	0.002 lb	1 g	SJ-30KWP-BTF

Note: NTEP models in grey.

FS-iF Series

- Ultra-fast stabilization time - 0.5 seconds
- Check-weighing scale with stainless steel pan. IP65 dust and water rated. NSF listed to meet HACCP requirements
- Operates on AC mains; rechargeable battery option
- Application modes include Hi/Low comparator and multiple weighing units
- Large LCD display and comparator light, analog bar display - 3 modes, memory for 99 items
- 2-year A&D warranty

Capacity		Resolution		Pan Size	Model
15 lb	6 kg	0.001 lb	0.0005 kg	9.8 x 9.8”	FS-6KiF
15 lb	6 kg	0.005 lb	0.0002 kg	9.8 x 9.8”	FS-6KiNF
35 lb	15 kg	0.002 lb	0.001 kg	9.8 x 9.8”	FS-15KiF
35 lb	15 kg	0.01 lb	0.005 kg	9.8 x 9.8”	FS-15KiNF
70 lb	30 kg	0.005 lb	0.002 kg	15 x 11.8”	FS-30KiF
70 lb	30 kg	0.02 lb	0.01 kg	15 x 11.8”	FS-30KiNF

Note: NTEP models in grey.

Compact Bench Scales – Dry Use

SJF Series

- Fast stabilization time – less than 1 second. Stainless steel weighing pan
- Legal for Trade in Canada (MC) and US (NTEP) (all models except SJ-5001HS)
- NSF 169 and NSF 14159-1 listed, the highest hygienic food safety standards
- Battery operation with 4 D cells (not included), up to 1,600 hours run time. Optional AC adapter
- Large LCD display, multiple weighing units: g, lb, oz.
- Level bubble and adjustable feet for precise leveling
- 2-year A&D warranty

Capacity		Resolution	Pan Size	Model
2.2 lb	1000 g	0.001 lb	9.1 x 7.5”	SJ-1000HSF
4.4 lb	2000 g	0.002 lb	9.1 x 7.5”	SJ-2000HSF
11 lb	5000 g	0.005 lb	9.1 x 7.5”	SJ-5000HSF
11 lb	5000 g	0.002 lb	9.1 x 7.5”	SJ-5001HSF
26 lb	12 kg	0.01 lb	9.1 x 7.5”	SJ-12KHSF
44 lb	20 kg	0.02 lb	9.1 x 7.5”	SJ-20KHSF
66 lb	30 kg	0.05 lb	9.1 x 7.5”	SJ-30KHSF

Note: NTEP models in grey.

HL-iVP includes stainless steel pan cover

HL-i Compact Scales

- Large LCD Display with stability indicator
- Battery operation with 4 AA batteries (included), up to 450 hours run time. Optional AC adapter
- Overload protection, tough ABS platter.
- 2-year A&D warranty

HL-iVP Series Value Pack

- Adds stainless steel pan cover, AC adaptor, carry and storage case.

Capacity	Resolution	Pan Size	Model
200 g	0.1 g	Ø 5.1”	HL-200i
200 g	0.1 g	Ø 5.1”	HL-200iVP
2000 g	1 g	Ø 5.1”	HL-2000i
2000 g	1 g	Ø 5.1”	HL-2000iVP

HT-300 and up models

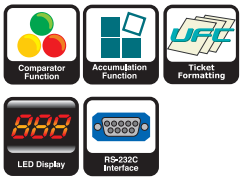
HT-120

HT Series

- HT models 300 g and up, have 7 units of measure, including: g, oz, lb-oz., ozt and N. And all HT Series come with a clear carry-case for easy storage and safe transport.
- Large LCD display with clearly visible characters (13.5mm)
- Battery operation with 4 AA batteries (included), up to 500 hours run time. Optional AC adapter
- Includes storage box, stackable case takes up less space for storage, anti-theft feature
- 2-year A&D warranty

Capacity	Resolution	Pan Size	Model
120 g	0.01 g	Ø 2.75”	HT-120
310 g	0.1 g	5.20 x 5.12”	HT-300
510 g	0.1 g	5.20 x 5.12”	HT-500
3100 g	1 g	5.20 x 5.12”	HT-3000
5100 g	1 g	5.20 x 5.12”	HT-5000

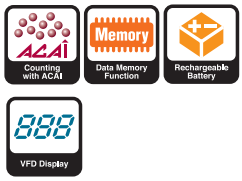
Counting Scales



GC Series

- Automatic Item Search (AIS) instantly finds desired piece weight.
- Internal memory to stores up to 1,000 items.
- Memory capacity extension using a MicroSD card.
- Choice of power sources: AC adapter (included) or mobile battery via USB.
- Expand applications with AD-8561 Multi-Interfaces.
- Automatic Counting Accuracy Improvement (ACAI).
- Password lock and key lock functions.
- WinCT-Counting (freeware) for easy management of item data.
- 2-year A&D warranty

Capacity		Resolution	Pan size	Model
6 lb	3 kg	0.5 g	11.8 x 8.3”	GC-3K
15 lb	6 kg	1 g	11.8 x 8.3”	GC-6K
30 lb	15 kg	2 g	11.8 x 8.3”	GC-15K
60 lb	30 kg	5 g	11.8 x 8.3”	GC-30K



FC-i/Si Series

- Internal resolution up to 1/5,000,000
- 500 alphanumeric memory
- Rugged aluminum die-cast housing with splash-proof display
- Standard RS-232C with optional 2nd and 3rd ports
- Rechargeable battery
- Remote scale base option
- 2-year A&D warranty

Capacity		Resolution		Pan size	Model
1 lb	0.5 kg	0.00005 lb	0.02 g	5 x 5”	FC-500Si
1 lb	0.5 kg	0.0001 lb	0.05 g	8 x 6”	FC-500i
2 lb	1 kg	0.0002 lb	0.1 g	8 x 6”	FC-1000i
10 lb	5 kg	0.0005 lb	0.2 g	6.5 x 6.5”	FC-5000Si
10 lb	5 kg	0.001 lb	0.5 g	11.8 x 11”	FC-5000i
5 lb	2 kg	0.0005 lb	0.2 g	11.8 x 11”	FC-2000i
20 lb	10 kg	0.002 lb	1 g	11.8 x 11”	FC-10Ki
50 lb	20 kg	0.005 lb	2 g	11.8 x 11”	FC-20Ki
100 lb	50 kg	0.01 lb	5 g	11.8 x 11”	FC-50Ki

HC-i Series

- High internal resolution: up to 1/750,000
- Up to 99 unit weight ID memory function for easy data retrieval
- Large detachable 3 window LCD display/keyboard
- Optional RS-232C and rechargeable battery
- 2-year A&D warranty

Capacity		Resolution		Pan size	Model
6 lb	3 kg	0.001 lb	5 g	11.8 x 8.3”	HC-3Ki
15 lb	6 kg	0.002 lb	1 g	11.8 x 8.3”	HC-6Ki
30 lb	15 kg	0.005 lb	2 g	11.8 x 8.3”	HC-15Ki
60 lb	30 kg	0.01 lb	5 g	11.8 x 8.3”	HC-30Ki

Weighing Indicators

AD-4401

Batch Weighing

- High Speed Sampling at 100 times/sec.
- Up to 1 million counts of A/D resolution
- 8 auto-batch/fill/checkweigh modes
- Auto Free Fall Compensation for accuracy
- Front panel protected to IP65

AD-4402

Batch Weighing

- High Speed Sampling at 100 times/sec
- Up to 1 million counts of internal resolution
- 5 line display for weight, status and set-points
- Recipe & Sequencing Memories

AD-4410

General Weighing

- DSP technology to eliminate effects of noise & vibration from results
- RS-232C standard
- USB option
- SCF-Statistical Calculation Function
- Comparator Function

AD-4405A

General Weighing

- Counting and accumulation functions
- 1/40,000 displayed resolution
- 0-9 keys for tare, set-points and sample count entries
- Standard RS-232C
- Built-in printer option

AD-4406A

General Weighing

- Accumulation function
- 1/40,000 displayed resolution
- AC or battery operation
- Standard RS-232C
- Includes table mount bracket

AD-4407A

Washdown

- IP65 with stainless steel housing
- 1/40,000 resolution
- 0-9 keys for tare, set-points and sample count entries
- RS-232 standard & counting function
- NTEP trade-legal

FS-D Series

Washdown

- IP65 with stainless steel housing
- Ideal for checkweighing/ food processing
- 1/15,000 displayed resolution
- 3 color light Hi/Lo/Ok comparator
- Auto tare function

SW-D

Super Washdown

- IP69K high pressure washdown rated
- Ultimate condensation protection
- Capacitive keys
- Multicolored LED Display w/5 comparator lights
- Rechargeable battery option

FG-D-CWP

- IP67 rated dustproof and washdown, immersible in sink to depth of 1 m.
- Easy to disinfect with 70% diluted alcohol.
- Adjustable stand included for wall, column or floor post mounting.
- Power 3 ways: AC adapter, USB port, mobile power bank via 3m USB cable.
- Drive up to 4 load cells.
- Units: kg, g, lb, oz, pcs.

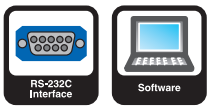
Model	NTEP	NSF	2 Year Warranty	1 Year Warranty
AD-4402			•	
AD-4401			•	
AD-4407	•		•	
FS-D		•	•	
SW-D	•	•		•
AD-4410			•	
AD-4405A			•	
AD-4406A	•		•	

Weighing Modules

AD-4212A/B Series

Production Weighing Systems

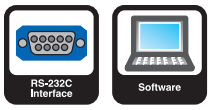
- Portfolio of fast, precise, compact, durable weighing sensors
- Ensures maximum efficiency of your production line
- For applications in high-speed weighing, high-speed check weighing, filling, isolated weighing
- Precise weighing in confined spaces such as fume hoods and gloves bags
- 5-year A&D warranty



Capacity	Resolution	Pan Size	Model
21 g	0.001 mg	Ø 34 mm	AD-4212B-23
31 / 110 g	0.01 / 0.1 mg	Ø 34 mm	AD-4212B-101
110 g	0.01 mg	Ø 34 mm	AD-4212B-102
110 g	0.1 mg	50 x 50 mm	AD-4212A-100
210 g	0.1 mg	50 x 50 mm	AD-4212B-201
210 g	1 mg	50 x 50 mm	AD-4212A-200
310 g	0.1 mg	50 x 50 mm	AD-4212B-301
610 g	1 mg	70 x 70 mm	AD-4212A-600
1100 g	1 mg	70 x 70 mm	AD-4212A-1000

AD-4212C Series

- Headless design with direct digital output via RS-232C, standard
- Ensures maximum efficiency of your production line.
- IP65 rated sensor
- WinCT AD-4212C software offers direct HMI control
- 5-year A&D warranty



Capacity	Resolution	Pan Size	Model
320 g	1 mg	50 x 50 mm	AD-4212C-300
51 / 320 g	0.1 / 1 mg	50 x 50 mm	AD-4212C-301
620 g	0.001 g	50 x 50 mm	AD-4212C-600
510 / 3200 g	0.001 / 0.01 g	50 x 50 mm	AD-4212C-3100
3200 g	0.01 g	50 x 50 mm	AD-4212C-3000
6200 g	0.01 g	50 x 50 mm	AD-4212C-6000

Warranty & Support

All the balances in this catalog are backed by the best warranty in the industry: 5 years. Most scales and indicators are backed with our 2-year warranty. And all our products are backed by the extensive network of local A&D Weighing distribution partners who can assist you with:

- Post-sales service & support
- On-site setup & calibration

Weighing Modules & Load Cells

AD-4212D Series

Analytical & Microgram Weigh Modules

- Complete balance with internal calibration
- Readability down to 1µg (0.001 mg)
- Touch screen interface
- Available in sensor-only version with direct output
- Ideal for glove boxes, fume hoods with limited space
- 5-year A&D warranty

Capacity	Resolution	Pan Size	Model
32 g	0.001 mg	Ø34 mm	AD-4212D-33
5.1 / 32 g	0.001 / 0.01 mg	Ø34 mm	AD-4212D-32
320 g	0.01 mg	Ø50 mm	AD-4212D-302
320 g	0.1 mg	Ø50 mm	AD-4212D-301

AD-4212F Series

- Complete balance with internal calibration
- Compact size and space saving with an integrated A/D converter
- IP65
- Super Hybrid Sensor (SHS) for fast stabilization
- Free dedicated software WinCT-AD4212F

Capacity	Resolution	Pan Size	Model
510 / 6200 g	0.001 g / 0.01 g	70 x 70 mm	AD-4212F-6203D
10,100 g	0.01 g	70 x 70 mm	AD-4212F-10202
22,000 g	0.1 g	70 x 70 mm	AD-4212F-22001

AD-4212L Series

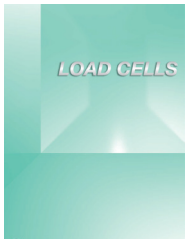
Modbus Weigh Module

- Powerful vibration cancelling filter
- Compact size and robust overload protection
- High-speed sampling 1000 times per second
- DIN-rail mount, RS-485 for Modbus-RTU

Capacity	Resolution	Pan Size	Model
110 g	0.001 g	Ø20.5 mm	AD-4212L-R100
50 g	0.001 g	Ø20.5 mm	AD-4212L-R50

Load Cells

Contact A&D for our Load Cell Catalog for your OEM requirements.



Approvals & Certifications

Legal-for-Trade (NTEP / Measurement Canada) versions of the scales in this catalog are indicated. Other trade-legal balances, including FX-i Precision Balances are also available. Visit our website to see why both buyers and sellers worldwide put their trust in A&D weighing solutions for such applications as:

- Pharmacy
- Research & Development
- Forensics
- Customs / Border Protection
- Gems and precious metals

Don’t Forget About Our Product Inspection Systems!

Product Inspection protects consumers and brands through 100% inspection. By identifying contaminants, deformities and ensuring product quality and weight with our In-motion Checkweighers, Metal Detectors, and X-ray Systems companies can save on rework, recall, and wasted product and packaging materials.can be programmed to work specifically for your products. Features like masking, missing components and misshaped product detection and identify a variety of contaminants including bone, plastic, metal and glass come standard.

In-motion Checkweighers

If product giveaway and fill is of concern, checkweighers are an excellent solution. Our line of checkweighers are modular, easy to incorporate into your existing line, have a small footprint, and are efficient with the ability to process up to 400 pieces per minute! Pair with a rejector to automate the rejection process.

Metal Detectors

In facilities with metal machinery and risk of metal contamination, our metal detectors can detect ferrous, non-ferrous and stainless steel pieces as small as 0.2 millimeters that’s smaller than a grain of sand! These metal detectors are stainless steel and wash down rated for easy cleaning and maintenance.

X-ray Systems

The ProteX X-ray series is a smart inspection system that can be programmed to work specifically for your products. Features like masking, missing components and misshaped product detection and identify a variety of contaminants including bone, plastic, metal and glass come standard.

For more information, visit us at andinspection.com

A&D Weighing

4622 Runway Boulevard
Ann Arbor, MI 48108
(800) 726-3364
andweighing.com

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