

Model Selection Guide

Which model is best for you?

Model
HV- **KGL**...LCD
 Capacity **V**...VFD
HW- **KGL**...LCD
 Capacity **V**...VFD

Display : LCD (L Type) or VFD (V Type)
 Capacity : HV-15, 60, 200(kg) / HW-10, 60, 100, 200(kg)
 Resolution : 0.001kg to 0.1kg/0.002 lb to 0.2 lb
 Pan Size : Large (390 × 530 mm/15.4 × 20.9 inches)
 Medium (330 × 424 mm/13.0 × 16.7 inches)
 Small (250 × 250 mm/9.8 × 9.8 inches)
 Range : Single Range (HW-G Series)
 0.001kg to 0.02kg/0.002 lb to 0.05 lb
 Triple Range (HV-G Series)
 Example: HV-15KGL
 Capacity : 3kg/6 lb Resolution : 0.001kg/0.002 lb
 Capacity : 6kg/15 lb Resolution : 0.002kg/0.005 lb
 Capacity : 15kg/30 lb Resolution : 0.005kg/0.01 lb

Specifications

HV-GL/GV Series

Display Type	Liquid Crystal Display									Vacuum Fluorescent Display									
	HV-15KGL			HV-60KGL			HV-200KGL			HV-15KGV			HV-60KGV			HV-200KGV			
Capacity(kg)	15	6	3	60	30	15	220	150	60	15	6	3	60	30	15	220	150	60	
Resolution(kg)	0.005	0.002	0.001	0.02	0.01	0.005	0.1	0.05	0.02	0.005	0.002	0.001	0.02	0.01	0.005	0.1	0.05	0.02	
Capacity(lb)	30	15	6	150	60	30	500	300	150	30	15	6	150	60	30	500	300	150	
Resolution(lb)	0.01	0.005	0.002	0.05	0.02	0.01	0.2	0.1	0.05	0.01	0.005	0.002	0.05	0.02	0.01	0.2	0.1	0.05	
Max Count (Pieces)	15000			12000			11000			15000			12000			11000			
Operating Temperature	-10°C to 40°C																		
Linearity(g)	±5	±2	±1	±20	±10	±5	±100	±50	±20	±5	±2	±1	±20	±10	±5	±100	±50	±20	
Span Drift	20ppm/°C typ.																		
Pan Size	mm *		250 × 250			330 × 424			390 × 530			250 × 250		330 × 424			390 × 530		
	inches *		9.8 × 9.8			13.0 × 16.7			15.4 × 20.9			9.8 × 9.8		13.0 × 16.7			15.4 × 20.9		
Physical Dimensions	mm **		275 × 474 × 368			330 × 621 × 771			390 × 712 × 773			275 × 474 × 368		330 × 621 × 771			390 × 712 × 773		
	inches **		10.8 × 18.7 × 14.5			13.0 × 24.4 × 30.4			15.4 × 28.0 × 30.4			10.8 × 18.7 × 14.5		13.0 × 24.4 × 30.4			15.4 × 28.0 × 30.4		
Power	AC Adapter or 6 D alkaline Batteries (600 hours)									AC									
Weight (approximately)	6kg/13.2 lb			11kg/24.3 lb			17kg/37.5 lb			7kg/15.4 lb			12kg/26.5 lb			18kg/39.7 lb			
Standard Accessories	AC Adapter, Display Cover, Manual									Display Cover, Manual									

HW-GL/GV Series

Display Type	Liquid Crystal Display				Vacuum Fluorescent Display			
	HW-10KGL	HW-60KGL	HW-100KGL	HW-200KGL	HW-10KGV	HW-60KGV	HW-100KGV	HW-200KGV
Capacity(kg)	10	60	100	220	10	60	100	220
Resolution(kg)	0.001	0.005	0.01	0.02	0.001	0.005	0.01	0.02
Capacity(lb)	20	150	200	500	20	150	200	500
Resolution(lb)	0.002	0.01	0.02	0.05	0.002	0.01	0.02	0.05
Max Count (Pieces)	10000	12000	10000	11000	10000	12000	10000	11000
Operating Temperature	-10°C to 40°C							
Linearity(g)	±2	±10	±20	±40	±2	±10	±20	±40
Span Drift	20ppm/°C typ.							
Pan Size	mm *		250 × 250		330 × 424		390 × 530	
	inches *		9.8 × 9.8		13.0 × 16.7		15.4 × 20.9	
Physical Dimensions	mm **		275 × 474 × 368		330 × 621 × 771		390 × 712 × 773	
	inches **		10.8 × 18.7 × 14.5		13.0 × 24.4 × 30.4		15.4 × 28.0 × 30.4	
Power	AC Adapter or 6 D alkaline Batteries (600 hours)				AC			
Weight (approximately)	6kg/13.2 lb		11kg/24.3 lb		17kg/37.5 lb		7kg/15.4 lb	
Standard Accessories	AC Adapter, Display Cover, Manual				Display Cover, Manual			

* Stainless Steel Weighing Pan (No Corner Piece) W × D ** W × D × H

Specifications are subject to change for improvement without notice.

Options

HW-02G — Extension Cable (5m)
 HW-03G — RS-232C with Comparator Relay Out/Buzzer
 HW-04G — RS-422/485 with Comparator Relay Out
 HW-06G — Built-In Printer for HV-GV and HW-GV
 HW-13 — Roller Conveyor: HV-200K, HW-100K/200K
 HW-14 — Roller Conveyor: HV-60K, HW-60K

Accessories

AX-PP156-S — Printer Paper for the HVW-06G (10 rolls)
 AX-ERC-05-S — Ink Ribbons for the HVW-06G (5 pieces)
 AX-KO1557-W200 — Connection Cable between HVW-G Relay Output and AD-8951 (DIN8pins-7pins, 2m)

A&D

...Clearly a Better Value

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*HVHWG-ADCC-08-KO8-05603

HV-G/HW-G Series

Platform Scales



Reliable and Rugged!
 Outstanding Price Performance



A&D

A&D Company, Limited
<http://www.aandd.jp>

...Clearly a Better Value

**“Value”
you can trust**

Platform Scales HV-G/HW-G Series

Two Types of Displays

Large and Clear Display

Digit height : LCD 25mm/VFD 20mm



LCD

Portable Battery Operation
Operate in areas
with low or no power.

VFD

Easy to see even in dark areas



Printer (Option only for VFD Type)

Dot Impact Printer
Print out your data for
safe keeping.



Water and Dust Resistant

The stainless steel weighing pan and sealed base are
resistant to water and dust. (IP-65)
The weighing pan is easy to clean.

No Corner
Pieces
Clean
Safe

Stainless Steel Weighing Pan



Water and Dust Resistant Protection for Load Cell Sensor

The Gore-tex® membrane
wicks moisture away
and keeps it away.

Gore-Tex® is a registered trade mark
of W. L. Gore & Associates.



Popular Standard
Medium Type

Large
Floor Scale Type

HV-G series

Triple Range

Resolution can be changed
automatically for 3 capacity levels.



HW-G series

1/10,000 High Resolution

Ideal for applications
requiring enhanced resolution.

Wide Selection
14 Models
3 Platform
Sizes

Compact
Bench Scale Type



Wide Variety of Applications



Food Processing/Fish Industry

Food Packaging

Industrial/Parts Counting



Pharmaceutical/Paint Mixing

Shipping



More Sophisticated Functions

● Comparator

Set the high and low weight targets and
show HI/OK/LO on the display.

● Comparator Buzzer with OP-03

Optional comparator output sounds buzzer on
selected comparator settings.

● Setpoint Control for Simple Batching

The weighing data can be controlled at 3
setpoints, Full Flow/Preliminary/Zero Band
outputs.

● Tilting Meter Head

Meter head tilts on the column to adjust for
the best viewing angle. Relieves neck and
eye strain.

● Standard RS-232C

Bi-directional RS-232C to connect with PC and
AD-8121B printer.

● Counting and % Function

● M+ Function for totaling weighing data