

A&D WEIGHING

# PLATFORM SCALES



**HV/W-G** SERIES



# HV/W-G SERIES

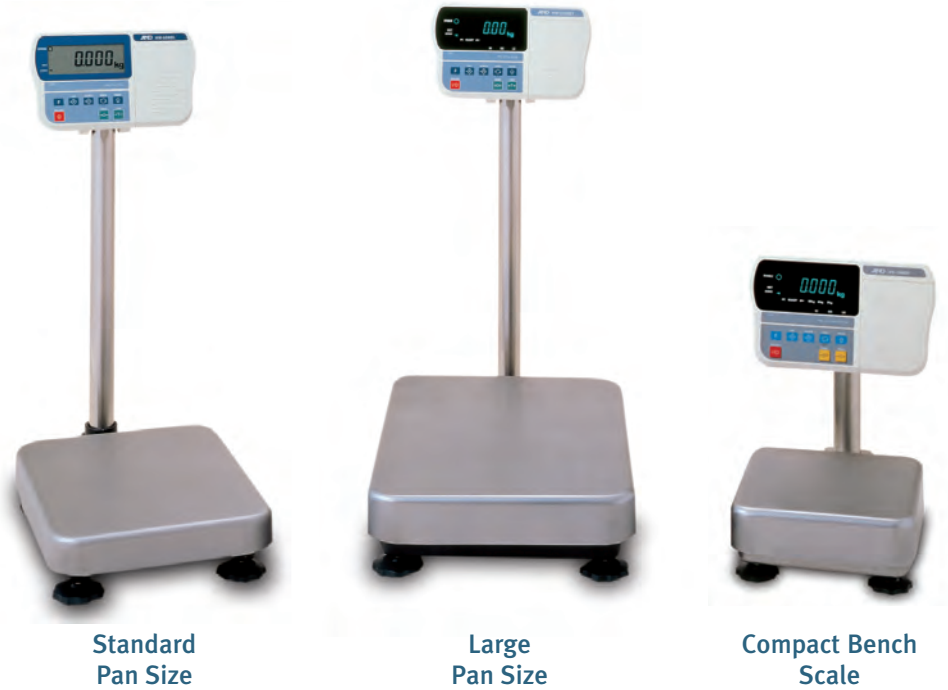
## 14 Models / 3 Platform Sizes

### HV-G Series

Triple Range Resolution changes automatically for 3 capacity levels.

### HW-G Series

1/10,000 High Resolution  
Ideal for applications requiring enhanced resolution.



Standard Pan Size

Large Pan Size

Compact Bench Scale

## Which Model is Best for you?

- 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 x 530 mm / 15.4 x 20.9 in.)  
Medium (330 x 424 mm / 13.0 x 16.7 in.)  
Small (250 x 250 mm / 9.8 x 9.8 in.)
- Range** Single Range (HW-G Series)  
0.1kg to 0.02 kg / 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

## Model Selection Guide

|               |                  |
|---------------|------------------|
| <b>Model</b>  |                  |
| <b>HV-○○○</b> | <b>KGL...LCD</b> |
| capacity      | <b>V...VFD</b>   |
| <b>HW-○○○</b> | <b>KGL...LCD</b> |
| capacity      | <b>V...VFD</b>   |

## More Sophisticated Functions

- **Comparator** Set the high and low weight targets and show HI/OK/LO on the display.
- **Comparator Buzzer with HV/W-03G** Optional comparator 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 or printer.
- **Counting and % Function**
- **M+Function for totaling weighing data**



# PLATFORM SCALES

## Wide Variety of Applications

- Food Processing
- Food Packaging
- Fish Industry
- Parts Counting
- Pharmaceutical
- Paint Mixing
- Shipping & Receiving



## Water and Dust Resistant

### Stainless Steel Weighing Pan

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



### Water and Dust Resistant

A Gore-Tex® membrane helps protect the load cell sensor.

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



## Three Types of Display



Large LCD Display



Easy to see  
Even in dark areas

Large VFD Display



Easy to see  
Even in dark areas

Large VFD Display with Printer

## HV-G/HW-G Series Specifications

(GL Series has a Liquid Crystal Display (LCD) & GV Series has a Vacuum Fluorescent Display (VFD))

| Model                | HV-15KGL / GV  |       |       | HV-60KGL / GV               |       |       | HV-200KGL / GV              |       |       |
|----------------------|--|-------|-------|-----------------------------|-------|-------|-----------------------------|-------|-------|
| Capacity (kg)        | 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  |
| Capacity (lb)        | 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  |
| Capacity (oz)        | 480  | 240   | 96    | 2400                        | 960   | 480   | 8000                        | 4800  | 2400  |
| Resolution (oz)      | 0.2  | 0.1   | 0.05  | 1                           | 0.5   | 0.2   | 5                           | 2     | 1     |
| Capacity (lb-oz)     | 30   |       |       | -                           | -     | -     | -                           | -     | -     |
| Resolution (lb-oz)   | 0.1  |       |       | -                           | -     | -     | -                           | -     | -     |
| Max. Count           | 15,000 pieces  |       |       | 12,000 pieces               |       |       | 11,000 pieces               |       |       |
| Operating Temp.      | -10°C ~ 40°C / 14°F ~ 104°F  |       |       |                             |       |       |                             |       |       |
| Linearity            | ± 5g   | ± 2g  | ± 1g  | ± 20g                       | ± 10g | ± 5g  | ± 100g                      | ± 50g | ± 25g |
| PanSize (mm)         | 250(W) x 250(D) mm   |       |       | 330(W) x 424(D) mm          |       |       | 390(W) x 530(D) mm          |       |       |
| Pan Size (inch)      | 9.8(W) x 9.8(D) inches   |       |       | 12.95(W) x 16.69(D) inches  |       |       | 15.35(W) x 20.87(D) inches  |       |       |
| Physical Dim. (mm)   | 275(W) x 474(D) x 368(H)   |       |       | 330(W) x 621(D) x 771(H)    |       |       | 390(W) x 712(D) x 773(H)    |       |       |
| Physical Dim. (inch) | 10.8(W) x 18.7(D) x 14.5(H)  |       |       | 13.0(W) x 24.4(D) x 30.4(H) |       |       | 15.4(W) x 28.0(D) x 30.4(H) |       |       |
| Power                | GL Series: AC Adapter or 6 "D" size alkaline batteries (600 hours)<br>GV Series: 120 VAC |       |       |                             |       |       |                             |       |       |
| Weight (Approx.)     | 6 kg / 13.2 lb   |       |       | 11 kg / 24.3 lb             |       |       | 17 kg / 37.5 lb             |       |       |
| Std. Accessories     | AC Adapter (for GL Series only), Display Cover and Manual                                |       |       |                             |       |       |                             |       |       |

| Model              | HW-10KGL / GV  | HW-60KGL / GV               | HW-100KGL / GV              | HW-200KGL / GV |
|--------------------|--|-----------------------------|-----------------------------|----------------|
| Capacity (kg)      | 10   | 60                          | 100                         | 220            |
| Resolution (kg)    | 0.001  | 0.005                       | 0.01                        | 0.02           |
| Capacity (lb)      | 20   | 150                         | 200                         | 500            |
| Resolution (lb)    | 0.002  | 0.01                        | 0.02                        | 0.05           |
| Capacity (oz)      | 320  | 2400                        | 3200                        | 8000           |
| Resolution (oz)    | 0.05   | 0.2                         | 0.5                         | 1              |
| Capacity (lb-oz)   | 20   | -                           | -                           | -              |
| Resolution (lb-oz) | 0.1  | -                           | -                           | -              |
| Max. Count         | 10,000 pieces  | 12,000 pieces               | 10,000 pieces               | 11,000 pieces  |
| Operating Temp.    | -10°C ~ 40°C / 14°F ~ 104°F  |                             |                             |                |
| Linearity          | ± 2g   | ± 10g                       | ± 20g                       | ± 40g          |
| PanSize (mm)       | 250 x 250 mm   | 330(W) x 424(D) mm          | 390(W) x 530(D) mm          |                |
| W x D (inch)       | 9.8 x 9.8 inches   | 12.95(W) x 16.69(D) inches  | 15.35(W) x 20.87(D) inches  |                |
| Phys. Dim. (mm)    | 275 x 474 x 368  | 330(W) x 621(D) x 771(H)    | 390(W) x 712(D) x 773(H)    |                |
| W x D x H (inch)   | 10.8 x 18.7 x 14.5   | 13.0(W) x 24.4(D) x 30.4(H) | 15.4(W) x 28.0(D) x 30.4(H) |                |
| Power              | GL Series: AC Adapter or 6 "D" size alkaline batteries (600 hours)<br>GV Series: 120 VAC |                             |                             |                |
| Weight (Approx.)   | 6 kg / 13.2 lb   | 11 kg / 24.3 lb             | 17 kg / 37.5 lb             |                |
| Std. Accessories   | AC Adapter (for GL Series only), Display Cover and Manual                                |                             |                             |                |

\*\*Columnless models are also available. Interconnect cable is 10' (3 meters). Add - NC to end of part #.

Specifications are subject to change without notice

### Accessories

- AD-8920 External Display
- AD-1191 Compact Printer
- AD-8118A Journal Printer
- AD-8118B Universal Printer
- AD-8121B Multi-Function Printer
- FV-05 AC Adapter (120V)
- FV-06 AC Adapter (240V)
- AD-8951 Light Pole

### Options

- HV/W-03G Comparator Relay Outputs/Buzzer
- HV/W-04G RS-422/485 Interface
- HV/W-06G Built-in Printer for HV-GV/HW-GV



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