Multi-Functional Platform Scales

HV/W-C& HV/W-CP

Series







To Factory Managers Who Wish To Reduce Loss And Increase Productivity But Don't Know Where To Start

Simply changing scales can make dramatic differences. Is that really true? Here's how...

High-speed measurement—stabilization within 1 second (for the HV-C/CP series) *1

Fast-paced weighing is an essential prerequisite for streamlining operations.

*1 With the HW-C/CP series, stabilization takes not more than 1.5 seconds.

Bright and multi-colored 5-step LED comparator lights

With the clearly-discernible LED signals, check weighing (judging whether the measured weight is within the designated limits) becomes far more accurate and efficient than a numeric display alone, leading to a significant cost reduction. Comparison can be made in three levels, five levels, or even seven levels*2 for both normal weighing and piece counting.

■ Auto-tare function

The scale can perform tare*3 automatically when the weight reaches the set target range, saving the operator from the hassle of pressing the TARE key each time for consecutive check weighing such as filling multiple cups.

*3 To offset the weight of the object on the scale and return the display to zero

■ Negative comparison

Negative values are also allowed for comparator limits. When combined with the auto-tare function, this enables "take-away" check weighing; that is, measuring out the target amount repeatedly by taking it out of its

container with no key press. Alphanumeric Built-in printer keypad (for the HV/W-CP series)

*2 With no light indicating either end of the continuum



Highly-visible, LCD display (25 mm character height) with white backlight

Do not underestimate the effect of display visibility on operators' work efficiency, fatigue and tendency to make errors, especially in areas where illumination is not sufficient.

Quick and easy settings using the alphanumeric keypad

The direct alphanumeric input makes it simple and straightforward to enter/re-enter preset tare values, comparator limits, calibration values and various internal settings.

■ Key lock function

You can inhibit the use of certain keys to prevent operators from making unwanted changes to the scale settings.

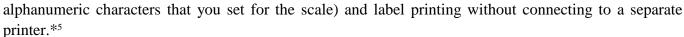


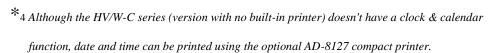
Optional roller conveyers

Large and medium-size roller conveyers (HVW-13 and HVW-14 respectively) can make measurements of heavy objects in production lines smoother and quicker.

Built-in printer for creating paper-based records on the spot (for the HV/W-CP series)

In addition to normal printing, the printer enables GMP compliant output (including date & time *4 , and the ID number of six





^{*5} Barcode printing is not supported. It becomes possible, however, by using the Universal Flexi Coms

(UFC) function, which lets you edit serial data output/printout format with an external printer.

Wide selection of capacities and resolutions

Select a scale that best suits your application and budget from either HV-C/CP series of three multi-interval*6 models and HW-C/CP series of four high-resolution models (see the specifications for details).

*6 The lighter the target object is, the finer the readability becomes.

IP65 dust & waterproof base unit with a stainless steel (SUS430) pan

The base unit can be washed with water, not to mention that wet objects can be weighed with no problem. Further, the surface of the pan is resistant to chemicals, scratches and rust, and easy to keep clean and hygienic.

Three slots for optional data communication interfaces

Output data, enter commands, and change the scale settings externally via the USB (HVW-02CB)*7 or RS-232C (HVW-03C) interface. Either two USB interfaces, two RS-232C interfaces, or one of each can be installed, in addition to a comparator relay output/buzzer/contact input interface (HVW-04C), which enables signaling check weighing results by buzzer and/or external comparator (traffic) lights, as well as external key input (up to two commands).

st7 For communication with a PC only. The driver

Display unit with HVW-02CB,HVW-03C, and HVW-04C software can be downloaded for free.



HVW-13

IP65 base unit with a SUS430 pan



Other Useful Features

- Display hold function that makes it easy to read and record the display value when external disturbances can occur unexpectedly
- Counting mode to count a number of small pieces of the same mass value instantly and precisely Accumulation (M+) function to display the sum total of separate weighing results
- Operation with either AC adapter or four D batteries (for the HV/W-C series)*8
- Display angle adjustable to four levels to suit the convenience of individual operators
- Optional 5 m extension cable (HVW-08C) and wall-mount bracket (HVW-11C) for the display unit
- ✓ available

Display cover that protects the display unit from dirt and splashes provided as standard

*8 The battery life is approx. 1200 hours using alkaline batteries, with display backlight and

LED comparator lights OFF. The HV/W-CP series operates on AC adapter only.



sheominated	hung Toshima-Ku, Tokyo, 17	HV-15KC	HV-60KC	HV-200KC	HW-10KC	HW-60KC	HW-200KC
		HV-15KCP	HV-60KCP	HV-200KCP	HW-10KCP	HW-60KCP	HW-200KCP
kg	Capacity	3 / 6 / 15*i	15 / 30 / 60 * i	60 / 150 / 220 * i	10	60	220
	Min. display	0.001 / 0.002 / 0.005 * i	0.005 / 0.01 / 0.02 * i	0.02 / 0.05 / 0.1*i	0.001	0.005	0.02
lb	Capacity	6 / 15 / 30*i	30 / 60 / 150 * i	150 / 300 / 500*i	20	150	500
	Min. display	0.002 / 0.005 / 0.01 * i	0.01 / 0.02 / 0.05 * i	0.05 / 0.1 / 0.2*i	0.002	0.01	0.05
oz	Capacity	96 / 240 / 480 * i	$480 / 960 / 2400 ^{\bigstar i}$	2400 / 4800 / 8000*i	320	2400	8000
	Min. display	0.05 / 0.1 / 0.2*i	0.2 / 0.5 / 1*i	1 / 2 / 5*i	0.05	0.2	1
lb-oz	Capacity	30 lb	N/A		20 lb	N/A	
	Min. display	0.1 oz			0.1 oz		
Counting mode	Max. countable number	150,000	120,000	110,000	100,000	120,000	110,000
	Number of samples	5, 10, 20, 50 or 100					
Stabilization time*ii		Within 1 second			Within 1.5 seconds		
Repeatability (std. deviation) [kg]		0.001 / 0.002 / 0.005	0.005 / 0.01 / 0.02	0.02 / 0.05 / 0.1	0.002	0.01	0.04
Linearity [kg]		±0.001 / ±0.002 / ±0.005	±0.005 / ±0.01 / ±0.02	±0.02 / ±0.05 / ±0.1	±0.002	±0.01	±0.04
Sensitivity drift		±20 ppm / °C (5 °C to 35 °C / 41 °F to 95 °F)					
Display		7 segment LCD (Character height: 25 mm) with backlight					
		3-color, 5-step LED comparator lights					
Display update		10 times / second					
Operating temperature		–10 °C to 40 °C / 14 °F to 104 °F, 85% R.H. or less (no condensation)					
Power supply	HV/W-C series	AC adapter or four D batteries (approx. 1200 hours using alkaline batteries, with display backlight and LED comparator lights OFF)					
	HV/W-CP series	AC adapter					
Weighing pan size		250 × 250 mm	330 × 424 mm	390 × 530 mm	250 × 250 mm	330 × 424 mm	390 × 530 mm
		9.8 × 9.8 in	$13.0 \times 16.7 \text{ in}$	15.4 × 20.9 in	9.8 × 9.8 in	13.0 × 16.7 in	$15.4 \times 20.9 \text{ in}$
Dimensions (W \times D \times H)		275 × 474 × 368 mm	330 × 621 × 771 mm	390 × 712 × 773 mm	275 × 474 × 368 mm	330 × 621×771 mm	390 × 712 × 773 mr
		10.8 × 18.7 × 14.5 in	$13.0 \times 24.5 \times 30.4$ in	15.4 × 28.0 × 30.4 in	$10.8 \times 18.7 \times 14.5$ in	13.0 × 24.5 × 30.4 in	15.4 × 28.0 × 30.4 ii
Weight (approx.)	HV/W-C series	6 kg / 13 lb	11 kg / 24 lb	17 kg / 37 lb	6 kg / 13 lb	11 kg / 24 lb	17 kg / 37 lb
	HV/W-CP series	7 kg / 15 lb	12 kg / 26 lb	18 kg / 40 lb	7 kg / 15 lb	12 kg / 26 lb	18 kg / 40 lb

- Multi-interval: The lighter the target object is, the finer the readability becomes.
- ★ii Time required for the last digit to settle (the stabilization mark will be lit one second after), which is subject to the weighing environment, response characteristic setting and how the target object is placed.

Options

HVW-02CB USB interface (bi-directional, type-B)

HVW-03C RS-232C interface (D-Sub 9P)

HVW-04C Comparator relay output/buzzer/contact input interface

Extension cable (5 m)*iii HVW-08C HVW-11C Wall-mount bracket

Large roller conveyer (for the 100 to 200 kg capacity models) **HVW-13** Medium-size roller conveyer (for the 60 kg capacity models) **HVW-14**

*iii Recalibration is required after connecting the extension cable.



Accessories

AD-8127 Compact printer AD-8526 Serial/Ethernet converter AD-8527 Quick USB adapter AD-8920A Remote display

AD-8922A Remote controller **AX-PP147-S** Paper for the built-in printer (5 rolls)

AX-SW128 Foot switch



Proudly Sold & Serviced By: Able Scale Co Pty Ltd Ph: 1300 731 360

21 Green St Thomastown VIC. 3074

find us on the web: www.ablescale.com.au





















<German Sales Office>





Platform only







Optional



A&D Company, Ltd.