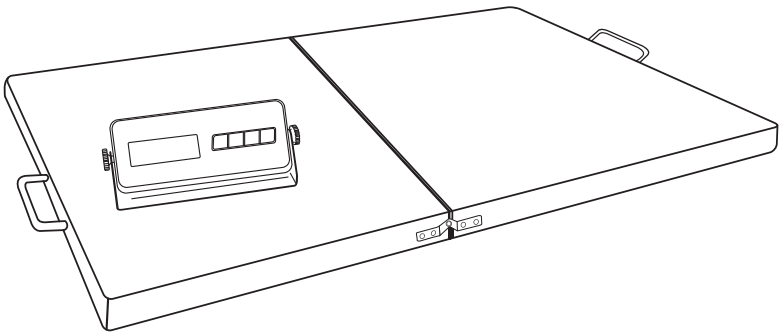


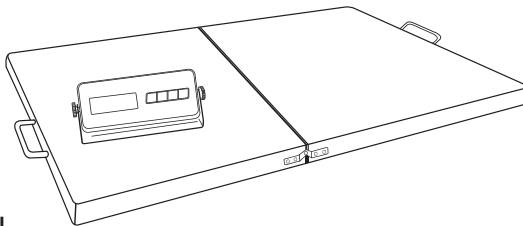


# VHD-3



## USER MANUAL

# VHD-3



**Capacity:**  
300kg x 0.1kg  
660 lb x 0.2 lb  
47st 3lb x 0.2lb  
47.25st x 0.02st



ENGLISH

Thank you for purchasing the My Weigh® VHD3 folding scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service. For more information please visit [www.myweigh.com](http://www.myweigh.com)

Never load the scale with more than the maximum capacity. Although the My Weigh® VHD3 is designed to be extremely durable with extra overload protection built into the scale, overloading will permanently damage it! Avoid any exposure to extreme heat or cold, your scale works better when operated at normal room temperature. Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and/or a close proximity to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale. Handle with care. Gently apply all items to be weighed onto tray top. Avoid shaking, dropping or otherwise shocking the scale. Scales are delicate instruments and unlike cellular phones, scales have delicate sensors that determine how much an item weighs. If you drop or shock your scale, these sensors "feel" the shock and are sometimes destroyed. This happens with all digital scales. We design our scales to be as resistant to shock or drops as possible, however there is no way for us to protect 100% against load cell or sensor damage. Failure to follow these instructions will void your warranty. Always allow the scale to acclimatize to normal room temperature for at least one hour before use. Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

## POWER SUPPLY

The My Weigh® VHD3 scale was designed to run with DC9V 300mA adapter or optional 6 x AA batteries. **We highly recommend using an adapter at all times and only using batteries whenever this is not possible.** The AC adapter plugs into the socket on the back of the scales weighing indicator. If you want to use batteries, please install them in the battery compartment on the back of the indicator.

## Battery Installation

For battery installation, lift and open the battery cover, remove and/or install the batteries. Be sure that the batteries are installed correctly following the polarity indicators in the battery compartment. Reinstall the battery cover.

## OPERATION INSTRUCTIONS

Only operate the scale on a flat, level surface that is stable and durable enough to support the scale and the items being placed on the scale. Either place the remote display box together with the scale on its surface or mount the display box on a wall at a suitable height with the included wall mounting kit.

## Weighing Procedures

Press the [ON/OFF/ZERO] key to turn ON the scale. The display will show "0.00". The scale is now ready for use.

To begin weighing, follow these steps:

1. Press the [UNIT] key to change the weighing unit between kg, lb, st, st:lb.
2. Press the [ON/OFF/ZERO] key to Zero the scale.
3. Press [HOLD] to store a weight value. Press [HOLD] again to clear.
4. Press and hold [ON/OFF/ZERO] for 4 seconds to turn OFF the scale.

## Tare Function

Tare can be used for eliminating the weight value of an empty container. If you wish to use a container place the empty container on the scale and press [TARE]. Once the TARE button is pressed you will notice the display changes from gross weight to net weight this simply confirms that Tare is active. Then place the items to be weighed in the container. NOTE: When all weight is removed from the weighing tray, the tared value of a container will be displayed as a negative number. Press [TARE] again to return the scale to zero.

## CALIBRATION

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Calibration may be required when the scale is first set up for use, or if the scale is moved to a different altitude or new location. This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations can occur.

### Standard Calibration

For this calibration method you must have an accurate 200kg weight or combination of weights in order to calibrate.

1. From the off setting press & hold the **[ON/OFF/ZERO]** & **[TARE]** buttons and turn on the scale. Release both keys when the display shows "CAL" and an AD value.
2. Press the **[TARE]** key, the display will show the calibration weight "200kg".
3. Place the correct calibration weight on the center of the platform and press **[TARE]**.
4. The display will show the A/D value and return to weighing mode.
5. Remove the weight. Verify the scale is calibrated correctly. Repeat the process, if necessary.

### Any Weight Calibration

For this calibration method you can select the weight and unit in which to calibrate the scale. For best accuracy we recommend a minimum weight of 20kg.

1. From the off setting press & hold **[ON/OFF/ZERO]** and turn on the scale. The display will show "SET" (Do not release zero).
2. While holding **[ON/OFF/ZERO]** press **[UNIT]** 3 times. Release **[ON/OFF/ZERO]** when the display will shows "CALu".
3. Press **[UNIT]** to enter the weight unit menu.
4. Press **[TARE]** to select the calibration unit of lb or kg. Press **[ON/OFF/ZERO]** to confirm, the display will show "CALu".
5. Press **[ON/OFF/ZERO]** again the display will show "CAL". Press **[UNIT]** to enter the calibration weight set menu.
6. The display will show "x0000", press **[HOLD]** to move the flashing digit to the right and **[TARE]** to increase. Press **[ON/OFF/ZERO]** to confirm the selection. (The calibration weight should be a minimum of 20kg). The display will show "CAL".
7. Press **[TARE]** the display will show the AD value (a series of random numbers). Press **[TARE]** again when the stable indicator shows.
8. The display will flash the selected calibration weight. Place the correct calibration weight on the center of the platform and press **[TARE]** when the stable indicator shows.
9. The display will show "—" and the AD value. Calibration is complete.
10. Remove the weight. Turn the scale off and on. Verify the scale is calibrated correctly. Repeat the process, if necessary.

## AUTO OFF / BACKLIGHT SETTINGS

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The VHD3 allows you adjust the default settings of the scale.

### Programming Auto-Off Time

1. Press and hold **[HOLD]** (do not release). Turn on the scale, release when the display shows the auto-off time setting
2. Press **[ON/OFF/ZERO]** to toggle auto-off settings:
  - i) A-120=120 seconds.
  - ii) A-180=180 seconds.
  - iii) A-300= 300 seconds.
  - iv) A-OFF = Auto-off is disabled.
3. Press **[HOLD]** to enter backlight setting mode or turn the scale OFF and ON to return to normal weighing mode.

### Adjusting Backlight Setting

4. The display will show settings "L-Auto, L-ON, L-OFF or L-STB".
5. Press **[ON/OFF/ZERO]** to toggle the settings:
  - i) AUTO= backlight enabled when weight is placed on platform.
  - ii) ON= backlight is on constantly.
  - iii) OFF= backlight is disabled.
  - iv) STB= backlight turns off if scale is not in use for more than 60 seconds.
6. Turn the scale OFF and ON to return to normal weighing mode.

USB DATA TRANSMISSION

Transmission USB:

- Mode : Simplex Asynchronous Serial
- Baud rate : 9600
- Data Bit : 8
- Parity Bit : NONE
- Stop Bit : 1
- Data Format : ASCII

Transmission Information Format : 20 Byte , blank=20H

M=Overload Mode  
W= Normal Weighing Mode  
:= Weight Information

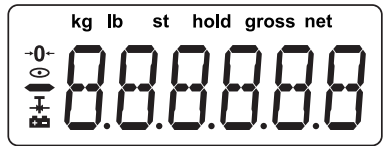
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
W/M	:	±																CR	LF

WEIGHT INFORMATION                      UNIT INFORMATION

Example: 50kg

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
W	:	±						5	0		•	0	k	g				CR	LF

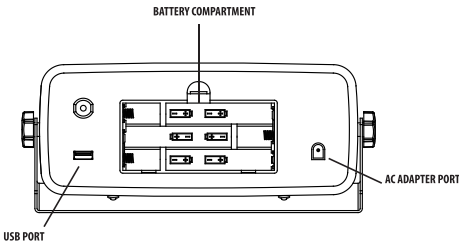
DISPLAY



DISPLAY SYMBOLS

- 0←      Scale is in ZERO mode
- 👁️      Reading is stable
- 🔋      Battery is low
- ⚖️-      Scale is in TARE mode

INDICATOR



SPECIFICATIONS

Capacity	300kg x 0.1kg 660 lb x 0.2 lb 47st 3lb x 0.2lb 47.25st x 0.02st	Units	kg, lb, st, stlb
Auto-OFF	Off, 120, 180, 300 seconds		
Scale dimension	920mm x 560mm x 50mm / 36" x 22" x 2"		
Indicator dimension	220mm x 80mm x 40mm / 8.5" x 3" x 1.5"		
Scale weight	14kg		
Operating temperature	Optimum 10-40°C (50-104°F)		
Power Source	6 x AA batteries / DC9V 300mA		