



Digital Portion Scale AW-WLG Series USER MANUAL

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PLEASE TAKE THE TIME TO READ THESE INSTRUCTIONS BEFORE
STARTING TO USE THE SCALES

INTRODUCTION

Thank you for purchasing a Yamato Portion Scale. Please read this instruction manual carefully before use. Keep these instructions handy for future reference.

SAFETY INSTRUCTION



Before putting the device into use, please read with care the information given in the Operating Instructions. They contain important instructions for installation, proper use and maintenance of the device.

The manufacturer shall not be liable for damages arising out of failure to heed the following instructions:

- ◆ When using electrical components under increased safety requirements, always comply with the appropriate regulations.
- ◆ Improper installation will render the warranty null and void.
- ◆ Ensure the voltage marked on the power supply unit matches your mains power supply.
- ◆ This device is designed for use indoors.
- ◆ Observe the permissible ambient temperatures for use
- ◆ The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.
- ◆ These batteries should be kept away from small children. If swallowed, promptly seek medical assistance.
- ◆ Expected Service Life: 5 years

If you have any problem, contact your local service partner.

CLEANING

- ◆ We would recommend using alcohol based wipes or similar when cleaning the scales.
- ◆ Please do not use large amounts of water when cleaning the scales as this will cause damage to the scales electronics, you should also refrain from using corrosive liquids or high pressure washers.
- ◆ Always disconnect the scales from the mains power supply before cleaning.

MAINTENANCE

- ◆ The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. The regularity of these checks is dependent on the level of use and the state of the scale. If any inaccuracies occur, please contact your local dealer or service partner

DISPOSING OF THE SCALE

- ◆ This product is not to be treated as regular household waste, but should be handed in to an electrical/electronic equipment recycling centre.
- ◆ You can obtain further details from your local council, your municipal waste disposal company or the firm which you purchased the product

Explanation of the graphic symbols

SN-21300100

Designation of the serial number of every device, applied at the device.

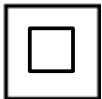
(Number as an example)



“Please note the accompanying documents“
or “Observe operating instructions”



“Electro-medical appliance“
with attachment for type B



Device protection category II



Dispose of old appliances separately from
your household wastrel!

Instead, take them to communal collection
points.



Carefully read this operation manual
before setup and commissioning, even if
you are already familiar with Yamato
scales.

TO Ready Scale for Use

1. Remove the scale from its box along with any protective film from the platform cover.
2. Place the scale on a hard, flat surface. Uneven surfaces will affect accuracy. If using the adapter, make sure the scale is not resting on the cord, otherwise it may be unstable.

POWER SUPPLY

To apply power to the scale using the supplied 15VDC, 300 mA power supply, insert the plug from the power supply cable into the power jack on the back of the scale and then plug power supply into the proper electrical outlet. The scale is now ready for operation.



INSTALLING THE BATTERY

The scale can use four (4) AA size batteries (not included). If you wish to operate the scale from batteries, you must first obtain and install the batteries. Access is via a removable cover on the bottom of the scale.

Battery Installation/Replacement

1. Turn scale over so that display is facing down and place it upside down on a flat level surface, such as a table or bench.
2. Locate battery cover on bottom of scale and turn locking tabs counterclockwise.



3. Remove battery cover (lift straight up and slide it out) exposing battery holder.
4. If installing new batteries, proceed to step 5. If replacing batteries, remove all 4 batteries from battery holder and then proceed to step 5.
5. Install 4 new "AA" size batteries in battery holder, noting polarity markings as shown above.
6. After placing all 4 batteries in holder, replace battery cover on scale. Slide tabs on battery cover into slots at back of opening, press down on cover and turn locking tabs clockwise.
7. Turn scale over (display facing up) and press **ON/OFF** key.

If display turns on, batteries have been installed correctly. If not, remove battery cover and check for one or more improperly positioned batteries.

SPECIFICATIONS

MODEL#	AW-WLG15	AW-WLG30
Capacity Division	0-6 kg x 0.002 kg 5-15 kg x 0.005 kg	0-15 kg x 0.005 kg 15-30 kg x 0.01 kg
Units of Measure	kg, lb	
Function keys	ON/OFF, HOLD, UNIT, TARE/BACKLIGHT	
Stabilisation Time	1-2 seconds	
Operating Temp. and humidity	5°C - 35°C 40%-95% RH	
Transport and storage temperature and humidity	-20°C +60°C 25%-95% RH	
Power supply	4 x AA size Alkaline cells	
	120 VAC 60Hz to 15 VDC 300 mA wall plug-in UL/CSA listed power supply	
Indicator display	1.0 inch backlit LCD, 5 Digit with fraction	
Dimensions	11.22" W x 10.03" D x 3.54" H (285mm x 255mm x 90mm)	
Platform Size	9.44" W x 7.28" D (240mm x 185mm)	

PANEL

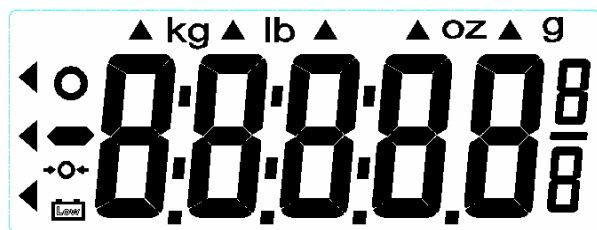
1. 15kg, 2g<6kg>5g PANEL







2. 30kg, 5g<15kg>10g PANEL



LCD DISPLAY



1.  : Stable symbol
2.  : Minor weight value
3.  : Indicates scale is at center of zero
4.  : Low battery indication

KEY FUNCTION DESCRIPTION:

1. ON/OFF:

1. Turn on the scale by pressing the **ON/OFF** key.
2. The display will count down from 88888 and will automatically display zero (weighing mode).
3. Place the item in the middle of the scale. Wait until the scale stabilizes and stable enunciator illuminates on the display.

2. UNIT:

- Press the UNIT key to switch from one weighing unit to another. For example from kg to lb, oz, lb/oz, lb/oz 1/8.

3. HOLD

- a. Press once to hold the displayed weight.
- b. Press again to return display to normal weighing mode.









4. TARE:

- a. Press to reset the display to zero up to 100% of the scale capacity.
- b. Press to confirm the setting for each menu.
- c. Setting backlight function ON or OFF.

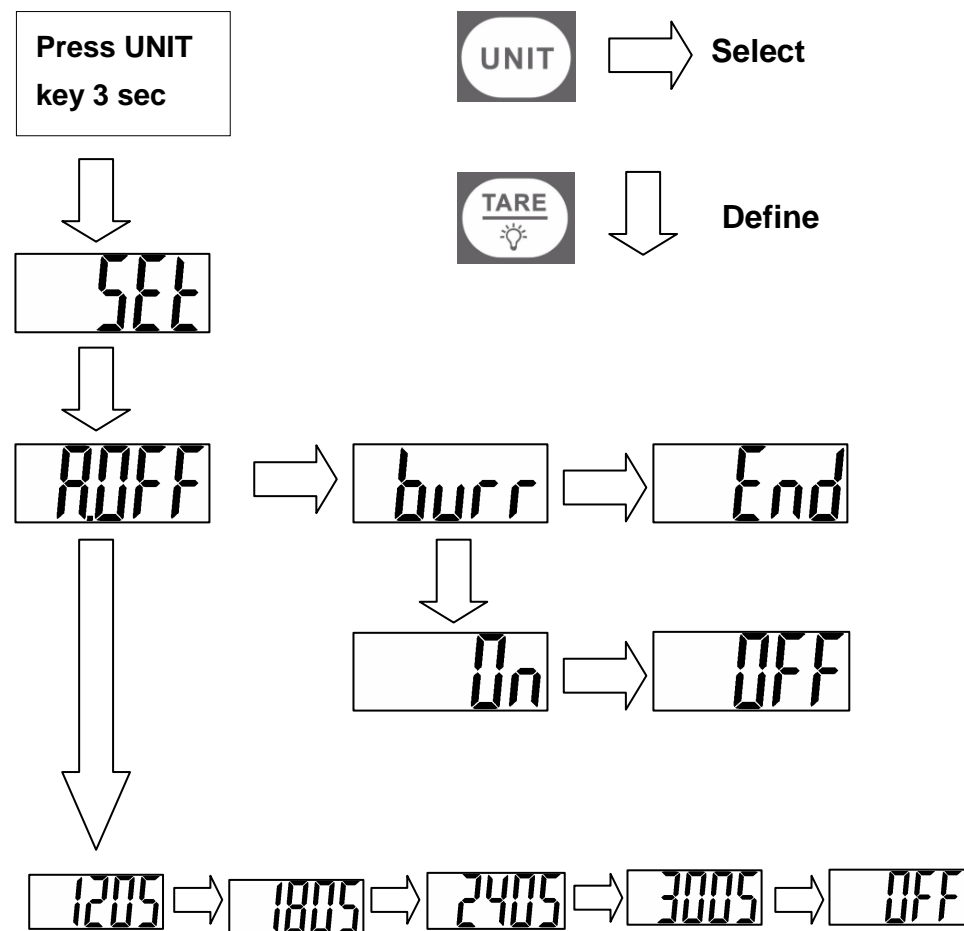
5. UNIT:

- a. Press to change the weighing units to the alternate units of measurement (if selected during configuration of the scale).
- b. Press 6 times while holding **ON/OFF** key to enter Configuration mode.
- c. Press to select menu in the Configuration mode.


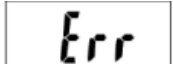

CALIBRATION PROCEDURE

Operation	Display
1. Place the scale on a hard, level surface. 2. Don't press ON/OFF key,	
3. Press and hold ON/OFF, and then press UNIT key three times. To enter into calibration procedure. 4. Display will show the Count value (256 ~ 250000).	
5. Then press the  key.	
6. Place the calibration weight (10kg) carefully in the centre of the scale plate, and the display will show SPAN Count value (4000-80000).	
7. Press the  key. The adjustment process is started.	
8. When the adjustment is finished successfully, the scale is automatically switched over to the weighing mode again and the calibration weight value will be displayed.	
9. Remove the calibration weight. Re-power on, the instrument is in normal mode.	

INSTRUCTION AUTO SHUT-OFF FUNCTION



ERROR MESSAGE

ERROR MESSAGE	REASON	ACTION
	<p>Low battery: This warning shows that the voltage of batteries is too low to use.</p>	Please replace with new batteries or plug the AC adaptor for operation.
	<p>Overload: The total load exceeds the maximum capacity of the scale.</p>	Please reduce the loading and try again.
	<p>Counting error (too high): Indicates that the signal from the load cells is too high.</p>	<p>This error is normally caused by a serious fault on the scales i.e. a faulty load cell or wiring. Please contact the local Service Representative.</p>
	<p>Counting error (too low): Indicates that the signal from the load cells is too low.</p>	<p>This error is normally caused by a serious fault on the scales such as a faulty load cell or wiring. Please contact the local Service Representative.</p>



ROHS COMPLIANCE

EU Directive 2011/65/EU restrict the use of the 6 substances below in the manufacture of specified types of electrical equipment.

- The product does not contain any of the restricted substances in concentrations and applications banned by the directive;
- and for components, the product is capable of being worked on at higher temperatures required by lead-free soldering.

The restricted substances and maximum allowed concentrations in the homogenous material are, by weight:

Substance	Concentration
Lead	0.1%
Mercury	0.1%
PBB (Polybrominated Biphenyls)	0.1%
PBDE (Polybrominated Diphenyl Ethers)	0.1%
Hexavalant Chromium	0.1%
Cadmium	0.01%



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