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Digital Portion Scale AW-WSM-5KG USER MANUAL

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.

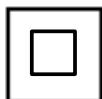
(Number as an example)



“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 & LOW BATTERY

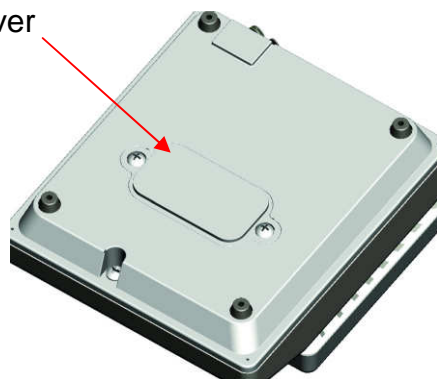
1. The AW-WSM-5KG scale uses 9 volt battery.
2. Low battery indication will display on LCD display when battery power is insufficient to perform the weighing.
3. When “**LoBat**” is displayed, please change batteries. Please refer to “INSTALLING THE BATTERY”.

INSTALLING THE BATTERY

AW-WSM-5KG uses 9 volt battery (not included) for operation. If you want scale to be operated by battery, please install batteries by referring to instruction below.

1. Turn the scale over to find the battery housing cover.

Battery housing cover



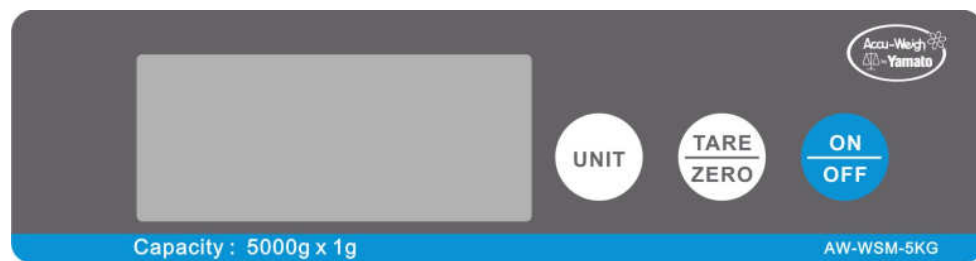
2. Remove the two screws holding on the battery cover exposing the battery cavity.
3. Install the 9V alkaline battery.
4. Reinstall the battery housing cover.

SPECIFICATIONS

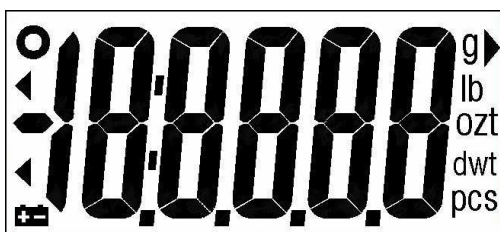
MODEL#	AW-WSM-5KG
Capacity Division	5000g x 1g
Units of Measure	kg, lb
Function keys	ON/OFF, TARE/ZERO, UNIT
Stabilisation Time	1-2 seconds
Operating Temp. and humidity	0°C - 40°C 35%-90% RH
Transport and storage temperature and humidity	-20°C +60°C 25%-95% RH
Power supply	9 volt battery
	ADAPTOR 9V 300mA
Indicator display	1.0" LCD display with 5 active digits
Dimensions	Assembled size: 343x348x55mm Platform size: 343x293x20mm




You can also use the adaptor (standard) as power supply.

PANEL AND LCD DISPLAY



LCD DISPLAY



1.  : Stable symbol
2.  : Minor weight value
3.  : Low battery indication

KEY FUNCTION DESCRIPTION:

a. 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 annunciator illuminates on the display.

b. ZERO/TARE:

Tare allows the user to zero the instrument to cancel the weight of a container from the reading of the instrument, thus giving the true weight of the product being tested.


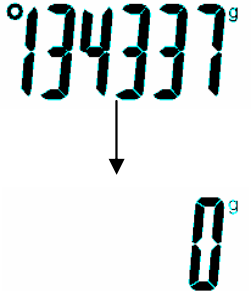



1. Turn on the scale by pressing the ON/OFF key.
2. When 0 is displayed, place the object to be tared on the scale platform.
3. Press the TARE/ZERO key after the weight stabilizes and stable annunciator appears on the display.
4. The display will return to 0.
5. Place the item to be weighed (without removing the tare object) on the scale. The weighing result is the Net weight of the item.

To delete the saved tare value, remove the tare object from the scale platform and press TARE/ZERO key.

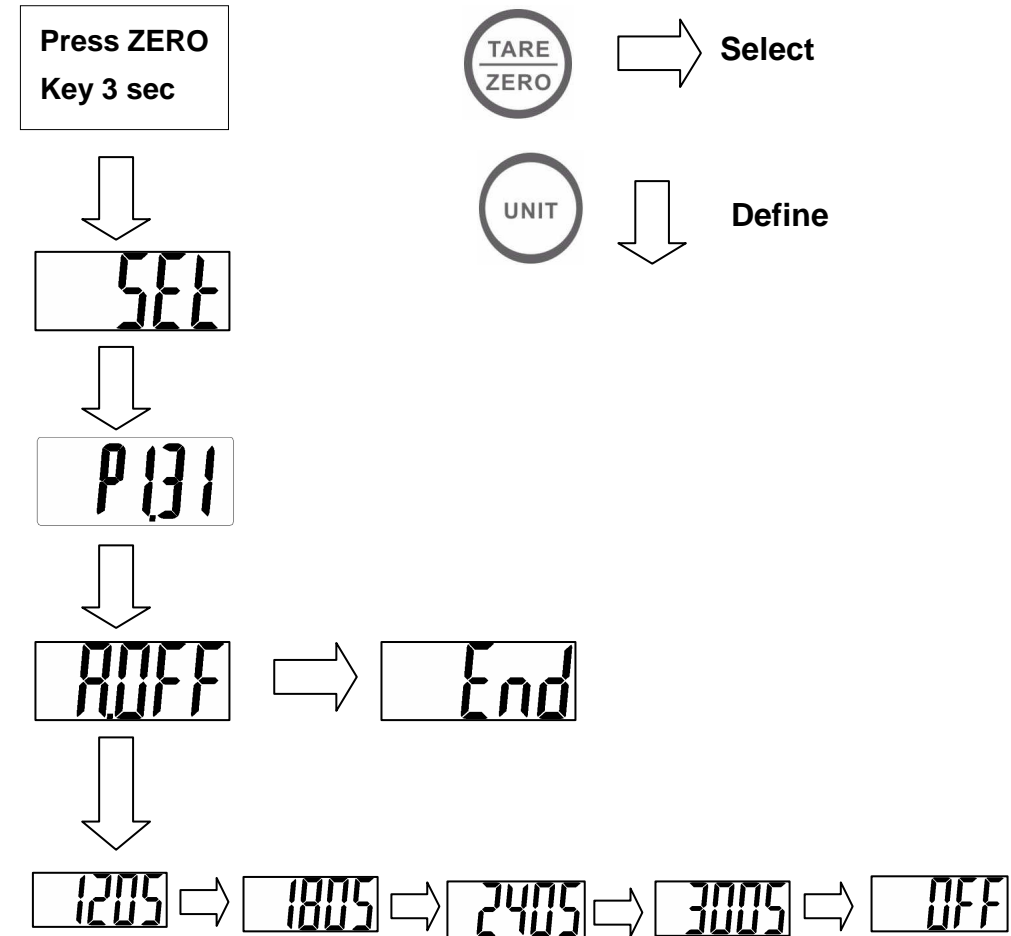
c. UNIT:

Press the UNIT key to switch from one weighing unit to another. For example from g to lb.


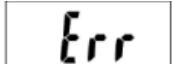

CALIBRATION PROCEDURE

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 ZERO/TARE key.	
6. Place the calibration weight (5000g) carefully in the centre of the scale plate, and the display will show SPAN Count value (4000-80000). Press the ZERO/TARE key. The adjustment process is started.	
7. 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.	
8. 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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