

NISBETS ESSENTIALS

Electronic Scales

Instruction manual



**Model:
DA091**

Features:

- Indicates the volume of milk and water
- Converts between metric and imperial measurements, for both weight and volume
- Low battery power / Overload indication
- High precision strain gauge sensor
- Zero and tare function
- Auto off
- Increment: 1g/0.1oz
- Max. load capacity: 5kg / 11lb
- Min. load capacity: 20g

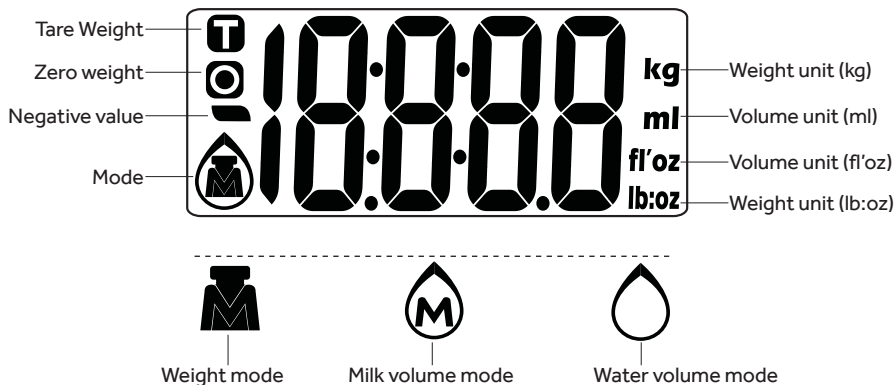
To install or replace batteries

1. Remove the battery compartment cover (on the bottom of the appliance).
2. Insert 2 x 1.5V AAA batteries (not supplied), and ensure to follow polarity markings on the battery compartment. Re-locate the battery compartment cover.
3. Position the appliance on a flat stable surface.



Note: It is important that the scales are level to ensure accuracy.

LCD Screen:



Button function

MODE Mode conversion



ZERO

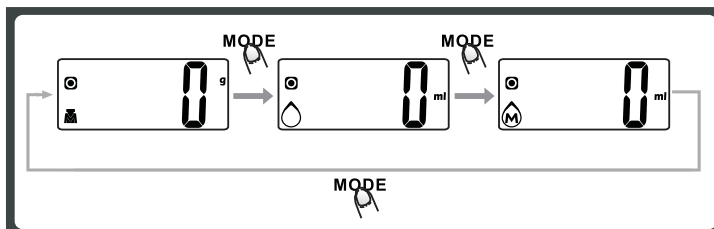
Turn on / Turn off / Zero / Tare

UNIT

Convert unit systems between Metric and imperial
(Conversion button on the bottom of the appliance)

Mode conversion

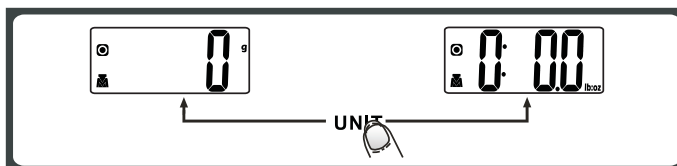
1. Press $\frac{\text{ON}}{\text{ZERO}}$ to turn on.
2. Press **MODE** button to select desired mode as shown below.



To convert weight unit

If the scale is with both unit systems of metric (g, ml) and Imperial (lb:oz, fl'oz), press **MODE** bottom to choose working mode (weight, milk volume, water volume). Then press **UNIT** conversion button to convert between two systems.

Take the conversion of weight unit for example:

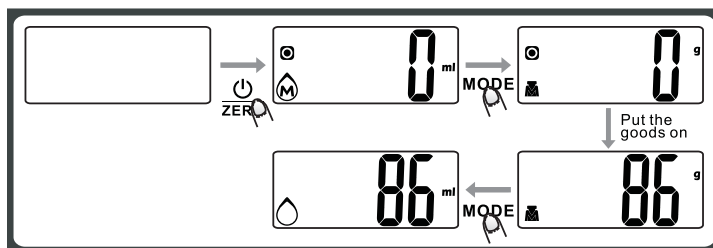


- When setting "g" as weight unit, the default volume unit is "ml".
- When setting "lb:oz" as weight unit, the default volume unit is "fl'oz".

To start weighing

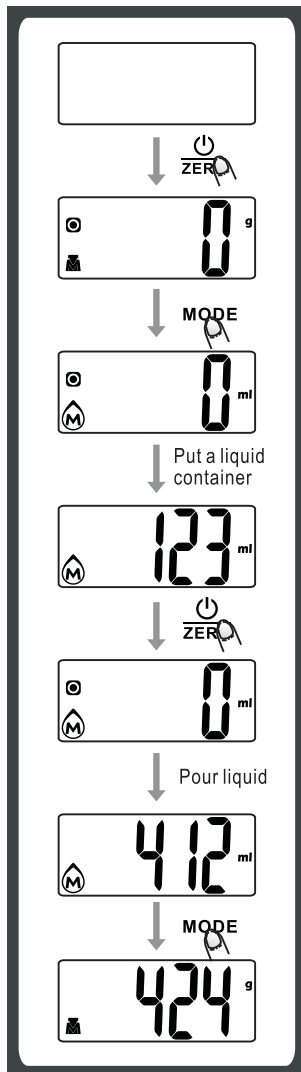
Weighing mode

1. Place a bowl (if necessary) on the scale.
2. Press $\frac{\text{ON}}{\text{ZERO}}$ to turn on. Wait until LCD shows "0".
3. Press **MODE** button to convert to weighing mode.
4. Load weighing object on the scale (or in the bowl) to start weighing. LCD will show the weight reading.
5. If the weighing object is water or milk, press **MODE** button to choose volume mode and view the volume of weighing object.



Volume indication mode

1. Press $\frac{\text{ON}}{\text{ZERO}}$ to turn on. Wait until LCD shows "O".
2. Press **MODE** button to choose "Water" or "Milk" mode.
3. Put a liquid container onto the scale platform. LCD shows the weight of container.
4. Press $\frac{\text{ON}}{\text{ZERO}}$ to zero or tare weight.
5. Pour liquid (water or milk) into the container. LCD shows the volume of the liquid.
6. Press **MODE** button to choose "Weight" mode and view the weight of liquid.



"ZERO" or "TARE" function

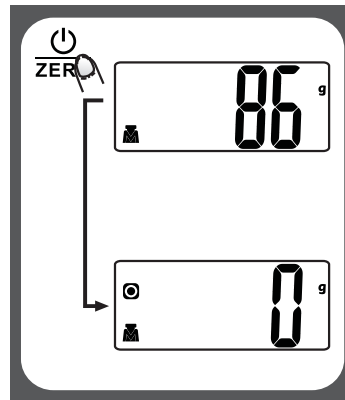
To weigh different loads consecutively without removing previous loads from the scale:

1. Put first Load on the scale and get weight reading.
2. Press $\frac{\text{ON}}{\text{ZERO}}$ button to reset the reading to "O" before adding next load. You can repeat this operation.

Condition 1: "ZERO" function

When total sum of all loads on scale is $\leq 4\%$ of scale's max. weight capacity (4% here means 200g with this scale), LCD will show "-----" or "0g" each time $\frac{\text{ON}}{\text{ZERO}}$ is pressed.

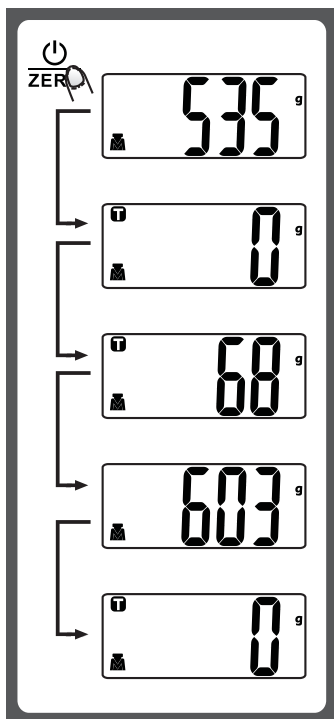
"-----" means reading is not stable. Please wait for a moment. "0g" and meanwhile an icon "O" on the left side of LCD indicate ZERO function is activated. In this case, Max. weight capacity remains unchanged.



Condition 2: "TARE" function

When total sum of all loads on scale is >4% of scale's max. weight capacity, LCD will show "-----" or "0g" each time $\frac{\text{ZERO}}$ is pressed.

"-----" means reading is not stable. Please wait for a moment. "0g" and meanwhile an icon "T" on the left side of LCD indicate TARE function is activated. In this case, Max. Weight capacity is reduced by total weight of all loads.



Under this condition:

- By pressing $\frac{\text{ZERO}}$ you can see the total weight of all loads on the scale.
- To weigh more loads, just press $\frac{\text{ZERO}}$ to reset LCD reading to '0' again.

Shut off

Auto shut-off: Auto shut-off occurs if LCD shows '0' or shows the same weight reading for 2 minutes.

Manual shut-off: To maximize battery life, press $\frac{\text{ZERO}}$ button continuously to turn off scale after use.

Warning indicators

Lo	Low battery. Replace with new batteries.
Err	Scale overloaded. Remove items to avoid damage

Cleaning, Care & Maintenance

- Clean the case with a damp cloth and warm water.
- Remove the batteries if the unit is not to be used for an extended period of time.

Compliance

Dispose of depleted batteries in accordance with local regulations, within the EC there are nominated disposal points for batteries.

The WEEE logo on this product or its documentation indicates that the product must not be disposed of as household waste.



To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.

Nisbets Essentials parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.

Nisbets Essentials products have been approved to carry the following symbol:



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Every effort is made to ensure all details are correct at the time of going to press, however, Nisbets Essentials reserves the right to change specifications without notice.

DECLARATION OF CONFORMITY

- Conformiteitsverklaring • Déclaration de conformité • Konformitätserklärung • Dichiarazione di conformità •
• Declaración de conformidad • Declaração de conformidade

Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp • Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento	Model • Modèle • Modell • Modello • Modelo • Malli
Electronic Scales 5 Kg	DA091
Application of Territory Legislation & Council Directives(s) Toepassing van Europese Richtlijn(en) • Application de la/des directive(s) du Conseil • Anwendbare EU-Richtlinie(n) • Applicazione delle Direttive • Aplicación de la(s) directiva(s) del consejo • Aplicação de directiva(s) do Conselho	Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU - recast of 2004/108/EC EN 55014-1: 2017 EN 55014-2: 2015 Restriction of Hazardous Substances Directive (RoHS) 2015/863 amending Annex II to Directive 2011/65/EU
Producer Name • Naam fabrikant • Nom du producteur • Name des Herstellers • Nome del produttore • Nombre del fabricante • Nome do fabricante	Nisbets Essentials

I, the undersigned, hereby declare that the equipment specified above conforms to the above Territory Legislation, Directive(s) and Standard(s).

Ik, de ondergetekende, verklaar hierbij dat de hierboven gespecificeerde uitrusting goedgekeurd is volgens de bovenstaande Richtlijn(en) en Standaard(en).

Je soussigné, confirme la conformité de l'équipement cité dans la présente à la / aux Directive(s) et Norme(s) ci-dessus
Ich, der/die Unterzeichnende, erkläre hiermit, dass das oben angegebene Gerät der/den oben angeführten Richtlinie(n) und Norm(en) entspricht.

Il sottoscritto dichiara che l'apparecchiatura di sopra specificata è conforme alle Direttive e agli Standard sopra riportati.

El abajo firmante declara por la presente que el equipo arriba especificado está en conformidad con la(s) directiva(s) y estándar(es) arriba mencionadas.

Eu, o abaixo-assinado, declaro que o equipamento anteriormente especificado está em conformidade com a(s) anterior(es) Directiva(s) e Norma(s)

Date • Data • Date • Datum • Data •
Fecha • Data
Signature • Handtekening • Signature
• Unterschrift Firma • Firma •
Assinatura

Full Name • Volledige naam • Nom et prénom • Vollständiger Name • Nome completo • Nombre completo • Nome por extenso

Position • Functie • Fonction • Position
• Qualifica • Posición • Função

Producer Address • Adres fabrikant • Adresse du producteur • Anschrift des Herstellers • Indirizzo del produttore • Dirección del fabricante • Morada do fabricante

23rd October 2020		
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