

## ■ Digital Kitchen Scales



**Digital Kitchen Scales**

Operating instructions



**Digitalis konyhamérleg**

Használati utasítás



**Kuchyňská digitální váha**

Návod k obsluze



**Digitálna kuchynská váha**

Návod na obsluhu



**Digitalna kuhinjska vaga**

Upute za upotrebu



**Digitale Küchenwaage**

Bedienungsanleitung

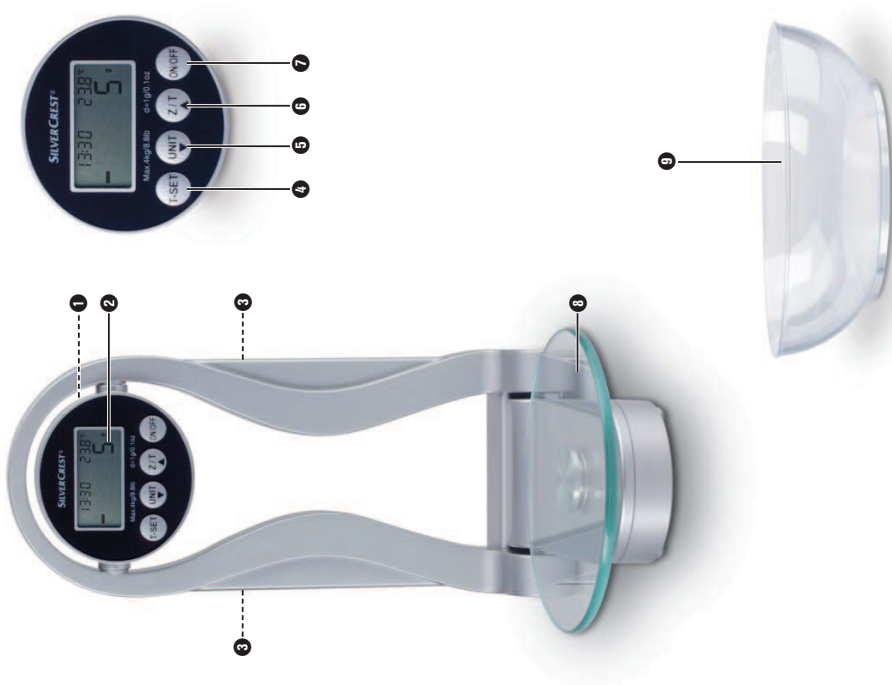
KOMPERNASS GMBH · BURGSTRASSE 21 · D-44867 BOCHUM

[www.kompernass.com](http://www.kompernass.com)

ID-Nr.: KH1159-01/09\V2



KH 1159



<b>CONTENT</b>	<b>PAGE</b>
<b>Intended use</b>	<b>2</b>
<b>Technical Data</b>	<b>2</b>
<b>Safety Instructions</b>	<b>2</b>
<b>Operating Elements</b>	<b>3</b>
<b>Items supplied</b>	<b>3</b>
<b>Commissioning</b>	<b>3</b>
Setting the time .....	3
Wall mounting .....	3
<b>Operation</b>	<b>4</b>
Setting the units of measurement .....	4
Weighing .....	4
Adding & Weighing (Tare Function) .....	4
Removing Weighed Items .....	4
Setting the Timer .....	5
Temperature Display .....	5
Switching the weighing function off .....	5
<b>Troubleshooting</b>	<b>5</b>
<b>Changing the batteries</b>	<b>6</b>
<b>Cleaning</b>	<b>6</b>
<b>Disposal</b>	<b>6</b>
<b>Importer</b>	<b>6</b>
<b>Warranty &amp; Service</b>	<b>7</b>

Read the operating instructions carefully before using the appliance for the first time and preserve this booklet for later reference. Pass the manual on to whomsoever might acquire the appliance at a later date.

# KITCHEN SCALES KH 1159

---


## Intended use

---

These kitchen scales are intended for use in weighing non-caustic, unaggressive and non-abrasive liquids (especially water and milk) and solid materials in domestic households. The weighing of medications and non-permitted materials is considered to be improper use.

## Technical Data

---

Weighing Range:	1 g - 4000g, in 1 gram steps
Temperature Display:	0° C - 40° C, in 0.5° C steps; with a tolerance of $\pm 2$ °C
Electricity supply:	2 x 3 V  CR 2032 Lithium batteries

## Safety Instructions

---

### **Injury hazard**

- This appliance is not intended for use by individuals (including children) with restricted physical, physiological or intellectual abilities or deficiencies in experience and/or knowledge unless they are supervised by a person responsible for their safety or receive from this person instruction in how the appliance is to be used.
- Children should be supervised to ensure that they do not play with the appliance.

### **Attention!**

Observe the following safety notices exactly. Failure to comply with them could damage the scales and possibly nullify your claims under the warranty provisions.

- Ensure that the batteries are inserted with the correct polarity and do not apply excessive force when inserting them.
- Never place more than 4 kg on the scale.
- Ensure that no fluids can permeate the scale.
- Avoid contact with solvents and with corrosive or abrasive cleaning materials.
- Do not subject the scale to high temperatures or powerful magnetic fields.
- Avoid electrostatic charging and discharging. These can cause erroneous displays and/or the sudden deactivation of the scales.

### **Information regarding the handling of batteries**

This appliance uses batteries. When interacting with batteries, please observe the following:

### **Risk of explosion!**

- Do not throw batteries into a fire. Do not recharge the batteries.
- Never open batteries, never solder or weld batteries. The risk of explosions and injuries exists!
- Regularly check the condition of the batteries. Leaking batteries can cause damage to the appliance.
- If you do not intend to use the appliance for an extended period, remove the batteries.
- In the event of the batteries leaking acids, put on a pair of protective gloves. Clean the battery compartment and the battery contacts with a dry cloth.

### **⚠ Injury hazard**

- Keep batteries away from children. Children can put batteries into their mouths and swallow them. If a battery is swallowed, medical assistance must be sought immediately.
- Should a battery leak, avoid making contact to the leakage with your skin, eyes and mucous membranes. If contact is made with the battery acids, rinse the affected area with copious amounts of water and then consult a doctor.

## Operating Elements

---

- ① Battery compartment
- ② Display
- ③ Mounting for suspension
- ④ T-SET button (Timer/Clock adjustment)
- ⑤ ▼ UNIT button (Unit adjuster)
- ⑥ ▲ Z/T button (ZERO/TARA)
- ⑦ ON/OFF button
- ⑧ Glass plate
- ⑨ Bowl

## Items supplied

---

- Kitchen scales
- Bowl
- 2 x CR 2032 Lithium batteries
- 2 x Screws
- 2 x Plugs
- Operating Instructions

## Commissioning

---

- ⇒ Open the battery compartment ① at the rear of the operating panel.
- ⇒ Remove the protection strip from the battery compartment ①.
- ⇒ Close the battery compartment cover, until it locks in place.

The scale is now in clock mode and ready for use.

### **Setting the time**

On commissioning and on a change of batteries the time must be set resp. adjusted.

- ⇒ As soon as the batteries have been inserted the hour indicator blinks. Press either the ▲ Z/T ⑥ or the ▼ UNIT ⑤ button repeatedly to adjust and set the hour indicator.
- ⇒ Press the T-SET button ④ to switch over to the minute indicator.
- ⇒ Press either the ▲ Z/T ⑥ or the ▼ UNIT ⑤ button repeatedly to adjust and set the minute indicator.
- ⇒ Press the T-SET button ④.

The time display is now programmed.

If you need to re-adjust the time display (e.g. for Summer/Winter Time) press and hold the T-Set button ④ until the hour indicator blinks. Then proceed as described above.

### **Wall mounting**

- ⇒ Find a suitable position for the wall assembly. There must be sufficient space to fold down the glass plate ⑧. Bear in mind that the bowl ⑨ may also have to be placed on the glass plate ⑧.

### **⚠ Attention!**

Check to ensure that there are no power cables located in the wall. Should you bore into a power cable with the drill, you may receive a potentially fatal electric shock!

Do not drill into areas where electric cables and gas or water conduits are, or may be, located!

- ⇒ Using a 6mm drill, bore two holes with a horizontal spacing of ca. 88 mm into a vertical wall.
- ⇒ Insert the plugs into the holes and then screw in the screws until the screwheads project by about 3 - 4 mm.
- ⇒ Place the scales onto the screw heads using the mounting ③ intended for this purpose.

## Operation

---

### Setting the units of measurement

You can choose between the metric and the Anglo-American (Imperial) system. From 0 g - 999 g the unit is indicated in g/oz and from 999 g in kg/lb and g/oz.

Additionally, you can weigh liquids.

In the metric system:

- Milliliter (ml) water
- Milliliter (ml) milk.

In the Anglo-American system:

- Fluid ounces (fl´oz) water
- Fluid ounces (fl´oz) milk.

⇒ Press the ON/OFF **7** button. The scale is now in the weighing mode. The programmed adjustment appears under or to the right of the weight indication in the display **2**.

⇒ To switch between the metric and Anglo-American systems, press the UNIT **5** button until the measurement unit details change.

⇒ To switch within a measurement system,  
g/kg - ml water - ml milk

or

oz/lb:oz - fl´oz water - fl´oz milk

briefly press the UNIT **5** button until the desired measurement unit appears in the display **2**.

### Weighing

⇒ Press the ON/OFF **7** button to switch the scales on (weighing mode).

⇒ Fold the glass plate **8** down.

⇒ Programme in the desired measurement unit (see chapter "Setting the units of measurement").

The scales indicate a weight of "0". "0" is shown in the display **2** and on the left.

⇒ Place the bowl **9**, or another suitable receptacle, onto the scales and then press the button Z/T **6**. The scales once again shows "0", it does not take account of the weight of the receptacle.

In the display **2** appears "TARE".

⇒ Place the item(s) to be weighed in the receptacle.

### Adding & Weighing (Tare Function)

You can repeatedly set the scale back to "0" in order to weigh additional partial quantities.

⇒ To do this, press the Z/T **6** button once again.

In the display **2** "TARE" appears on the left.

The scales indicate a weight of "0" again.

⇒ Place the additional item(s) to be weighed in the receptacle.

In the display **2** the weight of the newly inserted item(s) is indicated.

**i** You can repeat this procedure several times.

However, never place more than 4 kg on the scale.

On removal of the receptacle and ingredients from the scales, and on pressing the button Z/T **6**, "0" is once again indicated in the left of the display **2**.

### Removing Weighed Items

⇒ Press the Z/T button **6** once. "TARE" is shown in the display **2** and on the left.

The scales indicate a weight of "0" again.

⇒ Remove the desired amount of material.

The weight of the removed ingredients appears in the display **2** as a negative value.

**i** You can repeat this procedure several times.

On removal of the receptacle and ingredients from the scales, and on pressing the button Z/T **6**, "0" is once again indicated in the left of the display **2**.

## Setting the Timer

The timer can be used in both a clock and a weighing mode.

Der Timer enables you to set the clock for a specific period of time, at the end of which a signal tone sounds. The preset time runs as in a countdown.

⇒ Press the T-SET button **4** once. In the display **2** the bell symbol  appears in the above-left.

**i** You can adjust the time accurately to the second. If you hold down the **▲ Z/T 6** or the **▼ UNIT 5** buttons, the time-indicators run through faster.

- ⇒ Using the **▲ Z/T 6** or the **▼ UNIT 5** button, programme in the desired ten-minute setting.
- ⇒ Press the T-SET button **4** once. Using the **▲ Z/T 6** or the **▼ UNIT 5** button, programme in the desired one-minute setting.
- ⇒ Press the T-SET button **4** once. Using the **▲ Z/T 6** or the **▼ UNIT 5** button, programme in the desired ten-second setting.
- ⇒ Press the T-SET button **4** once. Using the **▲ Z/T 6** or the **▼ UNIT 5** button, programme in the desired one-second setting.
- ⇒ Press the T-SET button **4** to start the countdown.

You can reset the timer.

⇒ Press the T-SET button **4** to re-set the timer.

As soon as the programmed time has expired, an acoustic signal sounds. This signal can be switched off by pressing on any button.

## Temperature Display

When the scale is switched on, the display **2** shows the temperature in °C at the top right.

## Switching the weighing function off

If you do not weigh anything for ca. 2 minutes the scale automatically switches into the clock mode.

- ⇒ To manually switch over to the clock mode, press the button ON/OFF **7**.
- ⇒ When you no longer require the scales, fold the glass plate **8** back upwards.

## Troubleshooting

---

- ⇒ If the display **2** indicates "Err", the scale is overburdened. Remove material from the scale. Never place more than 4 kg on the scale.
- ⇒ If the display **2** briefly indicates "Err" and the weighing mode cannot be switched on, the scale is overburdened. Remove material from the scale and then switch the scale back on again. Place less than 4 kg on the scale.
- ⇒ If the display **2** indicates "Lo", the batteries are depleted. Replace the batteries.

**i** The indicator "Lo" only appears in the weighing mode.

- ⇒ If „---“ appears in the display **2**, wait a few seconds.
- ⇒ If your scale does not function as expected, replace the batteries. Should the malfunction not be eliminated with these steps please make contact with our Service Centre (see "Warranty and Service").

## Changing the batteries

---

### **Warning!**

Pay attention to the correct polarity when exchanging batteries. An incorrect battery exchange could lead to the risk of an explosion.

Only exchange batteries for identical or equivalent types. Should the batteries leak, put on protective gloves and then clean the battery compartment ❶ with a dry cloth.

### **Poison Hazard!**

Batteries can be swallowed by children and cause impairment of health. Keep batteries out of the reach of children.

- ⇒ To exchange the batteries, open the battery compartment ❶.
- ⇒ Press the metal loop on the battery retainer outwards so that the batteries are released.
- ⇒ Remove the old batteries and replace them with new ones. Take note of the correct polarity:  
The side of the battery marked with a "+" must show to the top.

## Cleaning

---

### **Attention!**

Ensure that no fluids can enter the scale.  
Permeating liquids can damage the scale.

Wipe the scale with a soft cloth moistened with mild soap suds. Do not use abrasive or solvent cleaners. Clean the display ❷ only with a lightly moistened cloth and then wipe it dry with a lint-free towel. Wash the bowl ❸ in a mild soapy water and then rinse it well with clear water.  
Dry all of the components well before re-using them.

## Disposal

---



**Do not, under any circumstances, dispose of the appliance with household refuse.**  
**■ This product is subject to the provisions of European Directive 2002/96/EC.**

Dispose of the appliance through an approved disposal centre or at your community waste facility.  
Observe the currently applicable regulations.  
In case of doubt, please contact your waste disposal centre.

### **Disposing of the batteries**

Do not dispose of batteries with household waste. Therefore always remove the batteries/cells from the appliances before disposing of them. Every consumer is statutorily obliged to dispose of batteries at a collection site of his community/city district or at a retail store.  
This obligation is intended to ensure that batteries are disposed of in an environmentally safe fashion. Only dispose of batteries when they are fully discharged.



Dispose of all packaging materials in an environmentally friendly manner.

## Importer

---

KOMPERNASS GMBH  
BURGSTRASSE 21  
D-44867 BOCHUM

[www.kompernass.com](http://www.kompernass.com)