

# **KERN**<sup>®</sup>

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# Operating manual

## Mechanical bathroom scales

### **KERN MGC**

Version 1.0  
06/2017  
GB



MGC-BA-e-1710



# KERN MGC

Version 1.0 06/2017

## Operating manual Bathroom Balance

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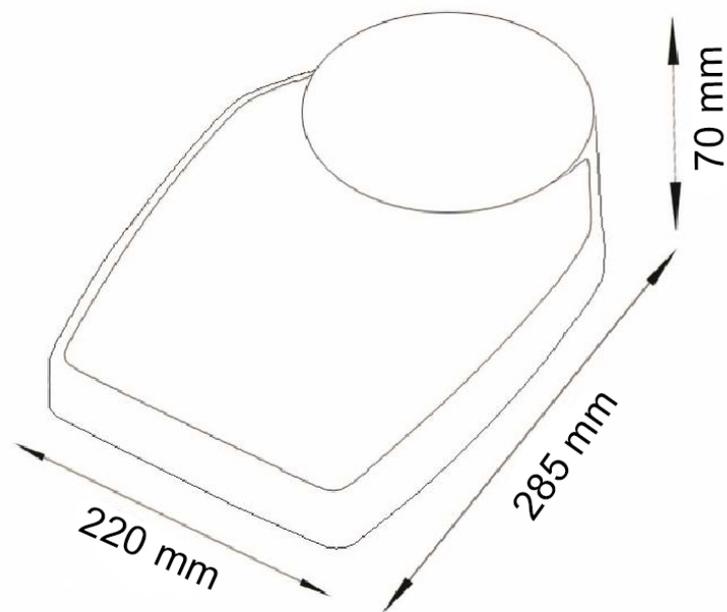
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## 1 Technical data

KERN	MGC
Readability (d)	1 kg
Weighing range (max)	150 kg
Reproducibility	1 kg
Linearity	2 kg
Weighing Units	kg
Stabilization time	1.5 sec.
Weight kg (net)	3.1

### 1.1 Dimensions



## **2 Basic Information (General)**

### **2.1 Proper use**

These balance is used to calculate the weight of people in the private sphere.

Utilisation of this balance in the medical field is not permissible.

The weighing process requires that the person stands on the weighing plate in a way that provides even weight distribution over the entire weighing plate. As soon as a stable weighing value is reached the weighing value can be read.

### **2.2 Improper Use**

Do not leave permanent load on the weighing pan. This may damage the measuring system.

Take care to avoid impacts and overloading of balance above the specified maximum load (max) under all circumstances. This could cause damage to the balance.

Never operate balance in explosive environment. The serial version is not explosion protected.

The structure of the balance may not be modified. This may lead to incorrect weighing results, safety-related faults and destruction of the balance.

The balance may only be used according to the described conditions. Other areas of use must be released by KERN in writing.

### **2.3 Warranty**

Warranty claims shall be voided in case

- Our conditions in the operation manual are ignored
- The appliance is used outside the described uses
- The appliance is modified or opened
- Mechanical damage and damage caused by media, liquids
- Natural wear and tear
- Improper installation
- The measuring system is overloaded
- Dropping the balance

## **3 Basic Safety Precautions**

### **3.1 Pay attention to the instructions in the Operation Manual**

#### **Attention:**

Stepping on the edge of the weighing plate may cause tilting of balance or fall of person.



⇒ Carefully read this operation manual before setup and commissioning, even if you are already familiar with KERN balances.

## 4 Transport and storage

### 4.1 Testing upon acceptance

When receiving the appliance, please check packaging immediately, and the appliance itself when unpacking for possible visible damage.

### 4.2 Packaging

Keep all parts of the original packaging in case you need to return the appliance. Only use original packaging for returning.

## 5 Unpacking, Setup and Commissioning

### 5.1 Installation Site, Location of Use

The balances are designed in a way that reliable weighing results are achieved in common conditions of use.

You will work accurately and fast, if you select the right location for your balance.

***Therefore, observe the following for the installation site:***

- Place the balance on a firm, level surface;
- Soft floor coverings such as carpets may falsify your weighing result.
  
- Avoid jarring during weighing;
- Protect the balance against high humidity, vapours and dust;
- Do not expose the device to extreme dampness for longer periods of time. Non-permitted condensation (condensation of air humidity on the appliance) may occur if a cold appliance is taken to a considerably warmer environment. In this case, acclimatize the appliance for ca. 2 hours at room temperature.
- Avoid static charge of the balance and of the person to be weighed.
- Avoid contact with water.

### 5.2 Unpacking

Take the whole balance out of their packaging and place them at the intended position.

In addition to the weighing scale delivery includes operating instructions.

Remove both cardboard boxes that protected the weighing scales during transport (see fig.).



## 6 Using the balance

### 6.1 Zeroing

Prior to any weighing ensure that the pointer of the weighing scales points to “0”.

- ⇒ Unload weighing plate
- ⇒ Use the adjustment wheel (see fig.) at the front of the weighing scales to reset the scales to zero.



The weighing process requires that the person stands on the weighing plate in a way that provides even weight distribution over the entire weighing plate.

You can read the weight value after it has become stable.

**Remark:** The typical weight of a person will vary over the day, and equally from one day to the next. Minor weight variations are considered normal.

## **7 Servicing, maintenance, disposal**

### **7.1 Cleaning**

Do not use aggressive cleaning agents (solvents or similar) but only a damp cloth with mild soapsuds, or household cleaner. Ensure that no liquid gets inside the unit and rub with a soft, dry cloth.

Loose dirt can be removed carefully with a brush or hand-held vacuum cleaner. Balance must not be tilted or rotated for cleaning, as damage may occur.

**Remove dirt immediately.**

### **7.2 Servicing, maintenance**

The appliance may only be opened by trained service technicians who are authorized by KERN.

### **7.3 Disposal**

Disposal of packaging and appliance must be carried out by operator according to valid national or regional law of the location where the appliance is used.

## **8 Instant help**

Help:

<b>Fault</b>	<b>Possible cause</b>
The displayed weight is permanently changing	<ul style="list-style-type: none"><li>• Table/floor vibrations</li><li>• Weighing plate has contact with other objects</li></ul>
The weighing result is obviously incorrect	<ul style="list-style-type: none"><li>• The display of the balance is not at zero</li><li>• Great fluctuations in temperature.</li></ul>

If the malfunction remains, inform manufacturer.