

#### 4. Technical data

Load capacity x gradation: Max. 5 kg x 1 g  
Dimensions scales: 165 mm x 220 mm x 19 mm  
Dimensions display: 82 mm x 103 mm x 25 mm  
Batteries scales / display: 5 x 1.5V AAA (included)

Subject to technical changes as a result of product improvements.

#### 5. Warranty

ADE agrees to rectify any material or manufacturing defects by offering free repair or replacement, for a period of 3 years from the purchase date. In case of a warranty claim, please return the scales to your dealer, including proof of purchase and stating the reason for the claim.



#### CE conformity

This device is interference-suppressed in accordance with the applicable EU Directive 2004/108/EC

**Note:** Extreme sources of electromagnetic radiation, such as those caused by the operation of radio equipment in the vicinity of the scales, can affect the value displayed. The product will return to proper function as soon as the interference has been eliminated. Note: the unit may need to be restarted.

#### Mandatory legal notice concerning battery disposal:

Do not dispose of batteries in domestic waste. As a consumer, you are legally required to return used batteries. You may return your used batteries to public collection points in your community or to any retailer that sells batteries of the same type.

#### Note:



The following symbols are used on batteries:

Li = Battery contains lithium  
Al = Battery contains alkaline  
Mn = Battery contains manganese

CR (Li); AA (Al, Mn); AAA (Al, Mn)

#### Disposal of used electrical and electronic devices:



The symbol on the product or its packaging indicates that this product must not be disposed of with regular household waste; instead, it must be disposed of at a collection point for the recycling of electrical and electronic equipment. For further details about recycling, contact your local council, municipal recycling companies or the shop where you bought the product.

Best regards,

ADE (GmbH & Co.)

# ADE

## Model Cosma / KE 1403 with portable wireless display

### Operating Instructions



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TARE

TARE  
FUNCTION



AUTO OFF



BATTERY  
LEVEL



WEIGHT

Thank you for purchasing a high-quality ADE product. Your new scales feature tried-and-tested quality and meet the highest technical standards.

Please read these Operating Instructions carefully before using the product for the first time, and keep them in a safe place so that you can consult them again if you need further information.

## 1. First use

### Inserting the batteries:

Open the lids of the battery compartments on the underside of the scales and on the reverse side of the portable display. Insert the supplied batteries (2 x 1.5V AAA for scales and 3 x 1.5V AAA for display). Please ensure correct polarity of the batteries (+/-).

### Safety guidelines:



Please take care not to drop objects onto the scales or the portable display; otherwise, they may be damaged.



Use only a damp cloth to clean the scales and the display. Never use solvents or abrasive cleaning agents. Do not immerse in water. If the scales' plastic parts come in contact with grease, spices, vinegar or any other strongly spiced or coloured foods, they must be cleaned immediately. Keep citric acid away from the scales.

## 2. Operation

After you have inserted the batteries into the portable display, the time will appear in the display's top half and the room temperature in the bottom half.

### Changing units of weight:

In time display mode, press the S/S MODE button at the bottom of the display for approx. 3 seconds to change the unit of weight. "Unit" appears on the display and the currently set unit of weight "g" or "lb:oz" flashes. By pressing the SEC-▲ or the MIN-▼ button you can change the units of weight (g <-> lb: oz). Please ensure that the scales are configured to show the unit of weight that you normally use.

### Changing the temperature display °C / °F

In time display mode, press the S/S MODE button at the bottom of the display for approx. 3 seconds to change the temperature display. "Unit" appears on the display and the currently set unit of temperature "°C" or "°F" flashes. Now press the S/S MODE button again. The temperature display symbol and a small thermometer flash. By pressing the SEC-▲ or the MIN-▼ button you can change the temperature display (°C <-> °F).

### Setting the clock:

To set the time press the S/S MODE button for approx. 3 seconds and then the S/S MODE button again twice, until 24 h or 12 h flashes in the top half of the display. Press the SEC-▲ or the MIN-▼ button to set the desired display mode and then press the S/S MODE button again. Now the hour indicator flashes. Press the SEC-▲ or the MIN-▼ button to set the desired hour. Press the S/S MODE button again and the minute display flashes. Press the SEC-▲ or the MIN-▼ button to make

the desired minute setting. To confirm, press the S/S MODE button. Setting the clock is now completed.

### Timer (up to 99 min. 59 sec.)

#### Counting forward (stop watch function):

In time display mode, briefly press the S/S MODE button twice to activate the timing (stop watch). Press the S/S MODE button again to pause or restart. By pressing the SEC-▲ and the MIN- button simultaneously when stopped, the stop watch can be reset to 00:00. By pressing the S/S MODE button for approx. 3 seconds you can return to time display mode.

#### Counting backward (timer function):

In time display mode, briefly press the S/S MODE button to activate the timer. Press the SEC-▲ or the MIN- button to set the desired alarm time (fast forward by holding the button). After setting your chosen alarm time, touch the S/S MODE button again to confirm. The timer begins to count down and will sound a loud beep for approx. 60 seconds when reaching zero. Stop the beep by touching any button. When the timer is running, it can be stopped and/or restarted at any time by touching the S/S MODE button. By pressing the SEC-▲ and the MIN-▼ button simultaneously when stopped, the timer can be reset to 00:00. By pressing the S/S MODE button for approx. 3 seconds you can return to time display mode.

**Note:** If no other action is carried out within 30 seconds after the timer- or the stop watch function has started, the backlighting switches off, but the timer- or the stop watch function remains active.

### Weighing:

Place the scales on a firm and level surface. After pressing the TARE button on the weighing platform for approx. 2 seconds, the button lights up and the scales switch on automatically. Once the scales are stabilised the portable display will show either "0 g" or "0: 00 lb oz", depending on setting. The scales are now ready for use.

**Note:** If a weight is shown on the display after activation, touch the TARE button to reset the scales to zero.

### Tare weight function:

Touching the TARE button will set the scales to "0 g". Place e.g. a bowl on the weighing platform, and touch the TARE button to set the scales back to "0 g" (display shows TARE). You can repeat this procedure as often as you like until you reach the scales' max. load capacity (5 kg). Once you remove your weighed item(s), the total weight is shown as a minus value.

### Automatic switch-off of the scales:

If no weight change is registered for about 30 seconds, the scales will switch off automatically and return to time-/ temperature display mode.

## 3. Error messages

"Lo"	=	Battery is empty – Please replace the batteries with the appropriate battery type (5 x 1.5V AAA).
"OL"	=	Overload – The 5 kg maximum load capacity has been exceeded. Remove the object from the scales immediately to avoid damaging the scales' load cell.