

Instructions for the use of caravan weight control (CWC)

With the **CWC** you can check the total weight and one-sided loading of your caravan, trailer, motorhome or other vehicle yourself. The measuring principle is based on individual measurements of each wheel. In this way you can easily check the total weight of your caravan, trailer, motorhome or vehicle yourself.

Warning:

1. The CWC is a device with very sensitive electronics. Protect the device against humidity, extreme temperatures, shock and overload.
2. An exact measurement is only made on a solid and level surface, whereby it must be ensured that both sensors stand up securely and that there are no solid bodies between the measuring points and the lower edge of the scale.
3. The CWC is sensitive to temperature fluctuations. Do not use the device until it has been adapted to the ambient temperature.
4. The **CWC** is sensitive to sharp temperature changes. Ensure it has had time to acclimate for a few minutes before use.
5. Insert 3 x 1.5 V type AAA batteries according to the + signs in the housing.
6. The device must be cleaned carefully after each use. Moisture and wetness must be avoided absolutely.

The measuring program:

With the **CWC** you can run three different programs

- Program 1: Measurement of a caravan or trailer with one axle and jockey wheel
- Program 2: Measurement of a caravan or trailer with double axle and jockey wheel
- Program 3: Measurement of motorhomes or vehicles

Button functions

ON/OFF-key

- Use the ON/OFF-key to switch the unit on and off. The unit switches off automatically after 5 minutes when not in use.
- With the ON/OFF-key you can erase the saved data.

SCROLL-button

- By pressing the ►-key (SCROLL-key) you go to the next wheel or support wheel. The symbol flashes.
- You can perform, repeat and view the measurement in any desired order.
- The last measurement is always saved.

TOTAL-key

- By pressing the TOTAL-key you can determine the total weight of the measurements carried out so far.
- Press the TOTAL-key again to return to the individual measurements.

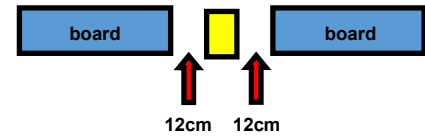
Setting the measuring program

When you switch on the CWC, the last measuring program used (1, 2 or 3) appears on the display. By simultaneously pressing the TOTAL-key, you can switch on the other programs using the ►-key (SCROLL-key).

Program 1: Weighing a single axle caravan or trailer

1. Bring the level of the jockey wheel upto the level of the caravan.
2. Set the CWC to measuring program 1.

Attention: In order to achieve an optimal measurement, 2 boards (height like CWC) should be placed in front of and behind the scale. This prevents an excess weight measurement when the springs are compressed. Ideally, a board (height like the CWC) should be placed on the opposite side to prevent the caravan or trailer from tilting. The gap between de board and the CWC should be about 12cm.

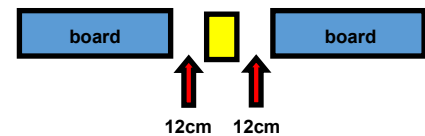


3. The symbol for weighing the jockey wheel flashes.
4. Weigh the jockey wheel. The jockey wheel should sit steadily and in the middle on the CWC. The CWC must not tip over. Leave the jockey wheel on the CWC until the two arrows next to the symbol flash. This stores the weight. Now you can remove the jockey wheel from the CWC.
5. Press the ►-key (SCROLL-key) to proceed to the measurement of the left wheel.
6. The "left wheel" symbol flashes. Place the CWC at right angles to the left wheel. Drive as slowly as possible (don't stop!) over the CWC. The slower you drive, the more accurate the measurement.
7. Press the ►-key to save the weight and proceed to the measurement of the right wheel. Here the measurement is continued as described above.
8. Press the TOTAL-key to display the total weight. The symbols for the wheel and towbar light up.

Program 2: Weighing a double axle caravan or trailer

1. Bring the level of the jockey wheel upto the level of the caravan.
2. Set the CWC to measuring program 2.

Attention: In order to achieve an optimal measurement, 2 boards (height like CWC) should be placed in front of and behind the scale. This prevents an excess weight measurement when the springs are compressed. Ideally, a board (height like the CWC) should be placed on the opposite side to prevent the caravan or trailer from tilting. The gap between de board and the CWC should be about 12cm.

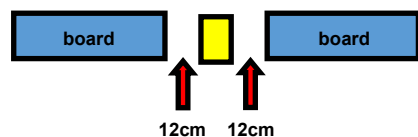


3. The procedure for measuring a tandem axle is basically the same as for a single axle. Drive as slowly as possible with both wheels on one side of the scale (don't stop!). This adds both wheels automatically.
4. Press the ►-key (SCROLL-key) to save the weights and proceed to the measurement of the two right wheels.
5. Press the TOTAL-key to get the total of all weights (included areas will flash on the display).

Program 3: Weighing a motorhome or vehicle

1. Set the CWC to measuring program 3.

Attention: In order to achieve an optimal measurement, both wheels of an axle must be brought to the same height. To do this, place a board (height like the CWC, length approx. 40cm) lengthwise in front of the wheel and drive a bit up (approx. 1/3 of the board length). Then place the CWC in front of the wheel to be measured and drive slowly over the CWC and board (don't stop!).



2. The symbol for the left front wheel flashes. Place the scale at right angles to the left front wheel. Drive over the CWC as slowly as possible. The slower you drive, the more accurate the measurement, but don't stop!
3. Press the ►-key (SCROLL-key) to save the weight and proceed to the measurement of the left rear wheel.
4. The symbol for the left rear wheel flashes. Place the scale at right angles to the left rear wheel. Drive over the CWC as slowly as possible. The slower you drive, the more accurate the measurement, but don't stop!
5. Press the ►-key (SCROLL-key) to save the weight and proceed to the measurement of the right side. Repeat the procedure for measuring for the right side.
6. Press the TOTAL-key to display the total weight of the left side. Press the ►-key (SCROLL-key) to display the total weight of the right side. Press the ►-key once again to display the total weight of the camper or vehicle.
7. Press the TOTAL-key and you are back in the measuring position.

Technical data:

1. Microprocessor controlled caravan scale with LCD display
2. Maximum weighing capacity: axle wheels: 1.000kgs / 1.500kgs, jockey wheel: accurate up to 450kgs
3. Accuracy: with careful handling and following of the manual, deviations from the total weight of less than 3% can be achieved.
4. Temperature tolerance: 0 - 50°C
5. Batteries: 3 x 1,5V Typ AAA. Please use generic AAA batteries as premium brands have a stubby/thick positive pin and will prevent pin from powering on.



6. Weight: 1000 grams

Batteries:

The battery symbol will appear on the LCD display when the batteries need replacing. Please note: inaccurate readings may result from batteries which have insufficient charge left in them.

To replace the batteries, the battery cover must be removed with some force, e.g. by means of a screwdriver (video:

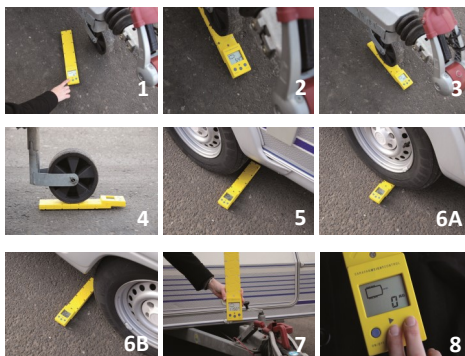
<https://www.youtube.com/watch?reload=9&v=CRp8GUDrvJc>.

Explanation symbols:

Program 1	Program 2	Program 3
Single caravans and trailers	Twin axle caravans and trailers	Camper and trailers
Weighing jockey wheel	Weighing jockey wheel	Weighing left front wheel
Jockey wheel weighed	Jockey wheel weighed	Weighing left rear wheel
Weighing left wheel	Weighing left wheels	Weighing right front wheel
Weighing right wheel	Weighing right wheels	Weighing right rear wheel
Total weight	Total weight	Total weight left side
Replace batteries	Replace batteries	
You have driven too fast over the CWC. Reweight this wheel.	You have driven too fast over the CWC. Reweight this wheel.	
■ Symbol is flashing		Total weight right side
■ Symbol is lighten up		Total weight

BRIEF INSTRUCTION

Disclaimer: illustration purposes only, please refer to user instructions for correct use:



1. Press ON/OFF button to activate CWC.
2. Place CWC on flat surface under jockey wheel.
3. Jockey wheel must be placed in the centre of the CWC. The CWC should not tilt.
4. When both triangles appear in the display, the jockey wheel weight is recorded.
5. Press button ► and place CWC in the centre in front of the wheel which is flashing in the display.
- 6A+B. Drive slowly over the CWC (don't stop!). Press button ► and drive the wheel onto the opposite side in same direction of the CWC.
7. By pressing the TOTAL button the total vehicle weight will be displayed. The individual wheel weights can be displayed by repeated pressing of the ► button.
8. By pressing the buttons ► and TOTAL simultaneously you can change the weighing program from single axle caravans/trailers and/or other vehicles such as motorhomes, etc.

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