

Instructions for the use of caravan weight control (CWC)

CWC offers the opportunity to weigh the nose weight, the left and right balance weights and the total weight of touring caravans and trailers. It can also weigh motorhomes or other vehicles up to a maximum of 1000 kg per wheel.

Warning:

1. CWC is fitted with very sensitive electronics. Please protect these by avoiding use in rain, standing water and extreme temperatures. Also please be careful not to drop the unit as it could be affected by shock.
2. CWC must be used on flat, hard-standing only.
3. CWC is sensitive to sharp temperature changes. Ensure it has had time to acclimate for a few minutes before use.
4. Use 3 x 1.5 V batteries (size AAA) only not rechargeables! Place in compartment + - as indicated.
5. After use, clean with a damp cloth (not wet).

Programmes available

- Programme 1: Use for single axle caravans and trailers
 Programme 2: Use for double axle caravans and trailers
 Programme 3: Use for motorhomes and vehicles

Buttonfunctions

ON/OFF-button

- Press for ON/OFF function. Unit automatically switches off after 5 minutes if not uses.

Note: All recorded measurements are lost when unit is off.

SCROLL-button (► button)

- Press to memorise last weight and move on to next function (symbol will flash on relevant area of LCD diagram).
- Wheels can be weighed in any order.
- Use the review weights already recorded.

TOTAL-button

- Press to show total of all measurements taken (symbols will flash on relevant wheels included in total).
- Re-press TOTAL-button to return to weighing mode.

Choosing the correct Programme

Switch on CWC. The last selected programme will appear on the LCD screen.

To select an alternative programme:

Press the combination of the TOTAL-button + the SCROLL-button.

Programme 1: Weighing a Single Axle Caravan or trailer

1. Select programme 1 (as above). Symbol on nose wheel will flash.
2. To weigh nosewheel: Place wheel (gently) between the two sensors, ensure it is slightly off-centre in the space between the two. Wait until both jockey wheel arrows flash. This indicates weight is recorded. Then remove wheel from the unit.
3. Press the ► button (SCROLL-button). Symbol on screen for left wheel will flash.
4. Place CWC at 90° angle (broadside) in front of the left tyre. Drive the caravan or trailer as slowly as possible over the unit. Note: The slower it travels over the unit, the more accurate the reading. Never allow a tyre to travel over the LCD screen.
5. Press the ► button (SCROLL-button) to memorise the weight. Repeat (4.) with the right tyre.
6. Press the TOTAL-button to give the total of all the weights (included areas will flash on the screen).

Programme 2: Weighing a Twin Axle Caravan or trailer

1. Select programme 2 (as instructions above). Please note: To obtain an accurate measurement place two boards (with the same height as the CWC) in front of and behind the balance. Thus the axle will not cause an excess weight measurement when the springs are compressed. Ideally, you should also place a board (with the same height as the CWC) on the opposite side to prevent the caravan or trailer from tilting.
2. Instructions for uses are as programme 1 (drive as slowly as possible and press SCROLL-button only after both wheels on that side of the vehicle have passed over CWC).
3. Press the ► button (SCROLL-button) to memorise the weight. Repeat (2.) with the right tyres.
4. Press the TOTAL-button to give the total of all the weights (included areas will flash on the screen).

Programme 3: Weighing a Motorhome or vehicles

1. Select programme 3 (as instructions above). Please note: To obtain most accurate reading, axle wheels should be at identical heights. We suggest you to lay a small plank of wood (approx. 40 cm) of the same depth as CWC, lengthways (in driving direction). Drive on front wheel on to the plank about a third down its length. Thus the side not being measured can travel along it at the same time as measurements are taken of the other side.
2. The Symbol flashes on the LCD screen to indicate LEFT FRONT wheel. Place the check weight at 90° (broadside) in front of the left front wheel. Drive this wheel as slowly as possible over CWC. (The slower the wheel over the unit the more accurate the reading) Never allow a tyre to travel over the LCD screen.
3. Press the ► button (SCROLL-button) to store the weight in the me-

mory. The symbol – will now flash on the screen to indicate LEFT / REAR.

4. Repeat the exercise as 2 above with the left rear wheel.
5. Repeat the Steps 2, 3 and 4 for the right hand side of the vehicle. (obviously symbols on the LCD screen will indicate right side)
6. Press the TOTAL-button to show total weight of the LEFT hand side of the motorhome. Then press the ► button (SCROLL-button) to obtain the total weight of the RIGHT hand side. Press the ► button (SCROLL-button) again to obtain the total weight of the motorhome. Press the TOTAL-button to return to the weighing mode.
7. Any weight can be reviewed or remeasured by pressing the ► button (SCROLL-button) until the appropriate symbol appears on the screen.

Technical information

1. CWC comprises of a microprocessor with an LCD display
2. Maximum weighing capacity: Axle wheels: 1.000 Kg / 1.500 Kg
Jockey wheel: 450 Kg
3. Accuracy: When carefully following and observing the operating manual, deviations should not exceed 3%.
4. Temperature tolerance: 0 – 50° C.
5. Batteries: 3 x 1.5V Typ AAA (not rechargeable version)
6. Weight: 1000 grams

Batteries

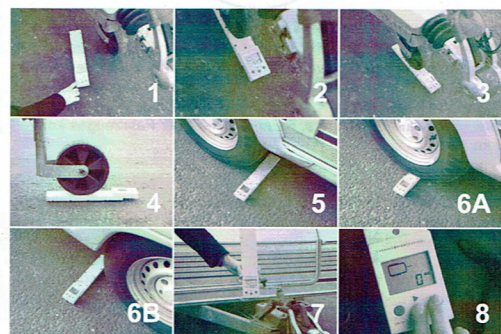
The battery symbol will appear on the LCD screen when the batteries need replacing. Please note: Inaccurate readings may result from batteries which have insufficient charge left in them.

Note

To ensure correct measurement results, calibration should be carried out by the manufacturer every two years.

Definition of symbols

Programme 1	Programme 2	Programme 3
Caravan single axle and trailer	Caravan twin axle and trailer	Motorhome and vehicle
Weigh jockey wheel	Weight jockey wheel	Weigh left front wheel
Jockey wheel weighted	Jockey wheel weighted	Weigh left back wheel
Weigh left wheel	Weigh left wheel	Weigh right front wheel
Weigh right wheel	Weigh right wheel	Weigh right back wheel
Total weight	Total weight	Total weight left side of vehicle
	Replace batteries (See Batteries)	Total weight right side of vehicle
	You have driven too fast over the CWC Reweight this wheel	Total weight of the vehicle
Symbol is blinking	Symbol is lightening up	



1. CWC durch Drücken der Taste ON/OFF einschalten.
2. CWC auf ebenen Untergrund unter dem Deichselrad positionieren.
3. Deichselrad mittig auf die CWC aufsetzen. Die CWC darf dabei nicht seitlich kippen.
4. Sobald die beiden Dreiecke im Display blinken, ist die Last des Deichselrades ermittelt.
5. Taste ► drücken. Die CWC mittig vor das im Display blinkende Rad legen.
- 6A+B. Die CWC langsam überfahren. Anschließend die Taste ► drücken und das Rad auf der gegenüberliegenden Seite wie zuvor beschrieben wiegen.
7. Durch Drücken der Taste TOTAL wird das Gesamtgewicht angezeigt. Durch wiederholtes Drücken der Taste ► können die jeweiligen Radlasten auch einzeln abgerufen werden.
8. Durch gleichzeitiges Drücken der Taste ► und TOTAL kann der Messmodus auf das Wiegen von Caravans oder Anhängern mit Ein- oder Tandemachse sowie von Reisemobilen und sonstigen Kraftfahrzeugen umgeschaltet werden.

1. Druk op ON/OFF knop om CWC in te schakelen.
2. CWC op vlakke ondergrond onder neuswiel plaatsen.
3. Neuswiel in het midden van CWC plaatsen; CWC mag daarbij niet kantelen.
4. Zodra de beide driehoekjes in het display knipperen, is het gewicht van het neuswiel vastgesteld.
5. Knop ► indrukken. Leg de CWC in het midden voor het in het display aangegeven wiel.
- 6A+B. Langzaam over de CWC rijden. Vervolgens ► indrukken en het wiel aan de tegenoverliggende zijde op dezelfde manier als hiervoor beschreven wegen.
7. Door de knop TOTAL te drukken, wordt het totaal gewicht weergegeven. Door herhaald op de knop ► te drukken, kunnen de verschillende wielgewichten opgeroepen worden.
8. Door de knoppen ► en TOTAL gelijktijdig in te drukken, kan de meet-weging omgeschakeld worden voor enkelassige caravans of aanhangers naar dubbelassige voertuigen en/of andere voertuigen zoals campers e.d.

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 area 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. Press button ► and drive the wheel on the opposite side in same direction over the CWC.
7. By pressing the TOTAL button the total vehicle weight will be displayed. The individual wheel weights can be displayed by repeating 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.

1. Pour allumer le CWC, appuyer sur la touche ON/OFF.
2. Positionner le CWC sur une surface plane sous la roue jockey.
3. Poser la roue jockey au centre du CWC. Il faut éviter que le CWC bascule sur le côté.
4. Quand les deux triangles apparaissent à l'écran, le poids de la roue jockey est déterminé.
5. Appuyer sur la touche ► et positionner le CWC centré devant la roue qui clignote à l'écran.
- 6A+B. Rouler lentement par-dessus le CWC. Appuyer à nouveau sur la touche ► et peser la roue du côté opposé comme décrit au préalable.
7. Pour afficher le poids total, appuyer sur la touche TOTAL. En appuyant de façon répétée sur la touche ►, le poids de chaque roue défile à l'écran.
8. Pour modifier le mode de pesage: caravanes/remorques simple-essieu > caravanes/remorques double-essieu > autres véhicules de type camping-cars etc... appuyer simultanément sur les touches ► et TOTAL.

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