

Operating Instructions Electronic Hanging Balance

KERN	CH15K20	CH25K50	CH50K50
Read-out	20 g	50 g	50 g
Weighing Range	15 kg	25 kg	50 kg
Taring Range (subtractive)	15 kg	25 kg	50 kg



To fit or exchange the battery

Push off the battery cover on the back of the balance in the direction of the arrow. Insert 9 V battery. Replace the battery cover. When the batteries are exhausted the message "LO" appears in the balance display. Press the OFF switch and replace the batteries immediately. To preserve battery life the balance switches off automatically after 4 minutes if no weighing has taken place.

Weighing

The balance is switched on by pressing the "ON/TARE" key.

For approximately 2 seconds the balance displays "—" and then shows "0.00".

If the weighing object is heavier than the weighing range the display indicates "E" (=Overload).

The balance is switched off by pressing the "OFF" key once.

Taring

Switch the balance on with "ON" key and wait for "0" to appear in the display. Hang the tare load and press the "ON/TARE" key again. The balance display becomes "0.00". The weight of the tare load has however been memorised internally. The item to be weighed can now be placed in the tare container and the weight can be read off. Pressing the "ON/TARE" key again upon completion of the weighing procedure causes "0.00" to appear in the display. After re-removal of the tare load and weighing load, the total weight of the container plus the weighed items appears in the display as a negative value. The taring procedure can be repeated as many times as required. The limit is reached when the total weighing range has been covered.

Important Notices

These electronic balances are precision instruments. Avoid disruptive environmental conditions such as drafts, vibrations, and electrical and magnetic fields. Equally avoid rapid temperature changes. Avoid high humidity, vapour, and dust, since the balance is not hermetically sealed. Do not allow the balance to come into direct contact with liquids, which could penetrate the measuring system. Therefore clean only with dry or damp material. Do not use solvents because paint or plastic parts could be damaged as a result. Place the item to be weighed carefully. Do not hang a constant load. Shocks and severe impacts must be avoided. Remove any spilled weighing substances immediately. Never operate the balance in areas where there is a danger of explosion. The standard unit is not explosion-proof. Check the balance regularly with external check weights. Opening the balance voids the guarantee.

Troubleshooting small faults

Fault

There is no indication on the balance display.
The indicated weight changes continuously.
The result of the weighing is clearly incorrect.

Possible cause

The balance is not switched on.
Draft/air movement/vibration.
Balance indication is not at Zero / Calibration is no longer valid / Rapid temperature changes are taking place.

If other error messages appear switch the balance off and back on again. If the error message persists contact the manufacturer.