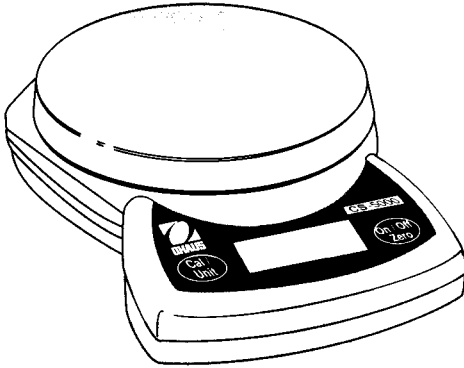




Ohaus Corporation
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Ohaus Compact Scales Models CS-200, CS-2000 and CS-5000 -OPERATING MANUAL-

The CS-200, CS-2000 and CS-5000 only differ in weighing capacity. Unless otherwise specified, the content of this manual applies to both models.

Calibration weights are not provided with the scale.

For best results, use the product in the specified optimum operating temperature.

For best accuracy, perform your mass measurements in clean environments, free of electrostatic and magnetic fields, dust and dirt, moisture, vibration and air currents.

Use your scale with care, gently loading items to be weighed onto the center of the pan. Avoiding rough treatment will aid in the life of your compact scale.

Battery Installation

Three AA size alkaline batteries are provided.

- Remove battery cover on the bottom of the scale and place them into the compartment as indicated.
- Do not use excessive force or press the weighing pan.
- Re-insert the battery cover.

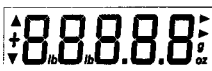
AC Adapter Operation

AC power adapters are available as optional accessories.

- Connect the AC adapter to the power input jack at the rear of the scale.
- Plug the AC adapter into a properly grounded wall outlet.

General Product Features

- **Power Up Test:** When the scale is turned on, all display segments will appear for approximately 3 seconds before resetting to zero



- **Stable Reading Indication:** On the display, the ▼ indicator will appear in the lower left corner of the display when a stable reading has been reached.
- **Overload:** If the applied load exceeds the capacity of the scale, an "E" will appear on the display and the load should be removed immediately. The scale will return to normal operation.
- **Negative Value:** When a load is removed from the scale, any zeroed value will be displayed as a negative number. To return to normal operation, the zeroed value can be canceled by pressing "On/Off/Zero".

- **Zero Function:** Values can progressively be added to a sample. By pressing the "On/Off/Zero" key, the scale display returns to zero. After adding additional mass, press "On/Off/Zero" to zero the scale again. Additional mass may be added up to the capacity of the scale.
- **Low Battery Indication:** The display will show "Lo" when the batteries are weak and need to be replaced.
- **Auto Shut-Off:** To extend battery life, the scale will automatically turn off after approximately five minutes if no active weighing is occurring. This feature is active with battery operation only.

Two Button Keypad

- **On/Off/Zero:** Pressing this key turns on the scale. This same key operates the zero feature when the scale is on. Press and hold this key for three seconds to turn the scale off.
- **Cal/Unit:** Press this key briefly to change the weighing unit. The following weight units may be selected: grams (g), or pound-ounces (lb-oz). Press and hold this key to begin the calibration procedure.

Calibration

For best results, calibrate the scale at regular intervals. This is especially important if the scale is in use for prolonged periods.

1. Allow the scale to warm up and stabilize for two minutes before commencing the calibration procedure.
2. Press and hold the "Cal/Unit" key until the calibration weight flashes on the display.
3. With the calibration weight value flashing, press the "On/Off/Zero" key, and the display will read "CAL O." After pausing for at least two seconds, place the correct calibration weight gently on the center of the weighing pan.
4. The display will momentarily show "CAL F" and then return to active weighing. Calibration is complete when the display correctly shows the calibration weight, and the display has stabilized.
5. Remove the calibration weight and turn the scale off. Now turn on the calibrated scale.

Note: If "CAL E" appears on the display instead of "CAL F", it indicates that a calibration error has occurred and the process should be repeated. The message "CAL E" will appear if the calibration steps are not followed in the correct order or if an incorrect calibration weight was applied.

Accessories Supplied

- Three AA size alkaline batteries

Optional Accessories

AC Power Adapters:	Ohaus Part No.
120V US Plug	80500457
230V Euro Plug	80500458
240V UK Plug	80500459
240V Australian Plug	80500460

Calibration Masses:	
200g for CS-200	51025-16
1000g for CS-2000	51016-16
2000g for CS-5000	51026-16

1050 ml Bowl	80850075
Stainless steel weighing pan cover	80850076

Specifications

	CS-200	CS-2000	CS-5000
Capacity x Readability	200 X 0.1g 0 lbs: 7.05 oz X 0.01 oz	2000 X 1g 4 lbs: 6.55 oz X 0.05 oz	5000 X 2g 11 lbs: 0.4 oz X 0.1 oz
Linearity	±0.1g	±1g	±2g
Weighing units	g, lb, oz		
Calibration	Digital calibration from keypad		
Stabilization time	3 seconds		
Maximum overload	150% of capacity		
Overload indication	[E]		
Underload indication	Negative value		
Auto shut-off	5 minutes no activity		
Optimum operating temperature	34°-77° F/18°-25° C		
Weigh pan size L x W (in/cm)	5.75 x 5.25/14.5 x 13.3		
Power requirements	3-AA alkaline batteries		
Dimensions L x W x H (in/cm)	8.00 x 5.50 x 1.50 / 20.5 x 14.0 x 3.8		
Net Weight (lb/kg)	1.0/0.47		



Limited Warranty

Ohaus compact scales are warranted against defects in materials and workmanship for a period of 12 months from the date of delivery. During the warranty period Ohaus will repair, or at its option, replace any component(s) that proves to be defective at no charge, provided that the product is returned, freight prepaid, to Ohaus.

The warranty does not apply if the product has been damaged by accident or misuse, exposed to radioactive or corrosive materials, has foreign material penetrating to the inside of the product, or as a result of service or modification by other than Ohaus. In lieu of a properly returned warranty registration card, the warranty period shall begin on the date of shipment to the authorized dealer. No other express or implied warranty is given by Ohaus Corporation. Ohaus Corporation shall not be liable for any consequential damages.

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