

PORTABLE *Standard* Electronic Balances

Models LS200, LS2000, LS2000P,
LS5000 and LS5000P



Instruction Manual

OHAUS®

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WARNING: CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS B DEVICE PURSUANT TO BOTH PART 15 OF THE FCC RULES AND THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.

THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTIONS, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS. HOWEVER, THERE IS NO GUARANTEE THAT INTERFERENCE WILL NOT OCCUR IN A PARTICULAR INSTALLATION. IF THIS EQUIPMENT DOES CAUSE HARMFUL INTERFERENCE TO RADIO OR TELEVISION RECEPTION, WHICH CAN BE DETERMINED BY TURNING THE EQUIPMENT OFF AND ON, THE USER IS ENCOURAGED TO TRY TO CORRECT THE INTERFERENCE BY ONE OR MORE OF THE FOLLOWING MEASURES.

- REORIENT OR RELOCATE THE RECEIVING ANTENNA
- INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND THE RECEIVER.
- CONNECT THE EQUIPMENT INTO AN OUTLET ON A CIRCUIT DIFFERENT FROM THAT TO WHICH THE RECEIVER IS CONNECTED.
- CONSULT THE DEALER OR AN EXPERIENCED RADIO TV TECHNICIAN FOR HELP.

LE PRÉSENT APPAREIL NUMÉRIQUE N'ÉMET PAS DES BRUITS RADIOÉLECTRIQUES DÉPASSANT LES LIMITES APPLICABLES AUX APPAREILS NUMÉRIQUES DE LA CLASS B PRESCRITES DANS LE RÈGLEMENT SUR LE BROUILLAGE RADIOÉLECTRIQUE ÉDICTÉ PAR LE MINISTÈRE DES COMMUNICATIONS DU CANADA.

Bescheinigung des Herstellers:

Die Firma OHAUS bestätigt, dass dieses Gerät in Übereinstimmung mit den Bestimmungen der BMPT-AmtsblVfg 243/1991 und 46/1992 funktionsfähig ist.

Dem Bundesamt für Zulassungen in der Telekommunikation wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf die Einhaltung der Bestimmungen eingeräumt.

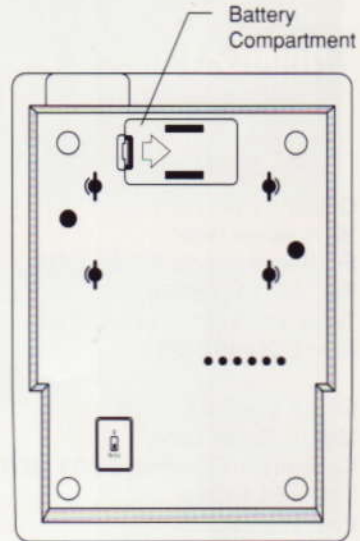
Certificate of the Manufacturer:

Ohaus Corporation certifies that this equipment has been suppressed in accordance with the conditions set out in the BMPT-AmtsblVfg 243/1991 and 46/1992.

INSTALLATION

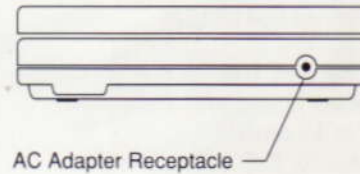
Battery Installation

1. Open the battery compartment cover located on the bottom of the balance.
2. Install one 9V battery in the compartment and replace the cover.



AC Adapter (optional)


Plug the adapter jack into the receptacle on the rear of the balance. Plug the adapter into a convenient AC outlet.

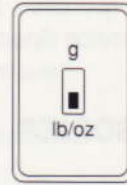


Postal Chart (LS2000P and LS5000P models)

A U.S. postal chart is supplied with models LS2000P and LS5000P. The chart may be affixed to the platform for convenience.

TURNING THE BALANCE ON


1. Set the g - lb/oz switch on the bottom of the balance to the desired position (set to lb/oz for postal use).
2. With no load on the platform, press  to turn the balance ON.



When first switched ON, all segments of the display will turn on briefly, then zero will be displayed. When zero is displayed, the balance is ready for use.




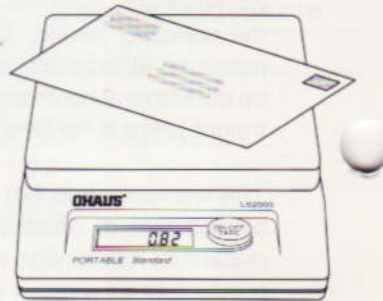
TO TURN THE BALANCE OFF,

- press  when zero is displayed.

The balance will automatically turn OFF if it remains idle for 2 minutes.

WEIGHING

1. Press  to zero the display.
2. Place item(s) to be weighed on the platform and read the weight on the display.





The weighing mode indicator(s) will be on in the display to indicate the active mode (pounds:ounces or grams).

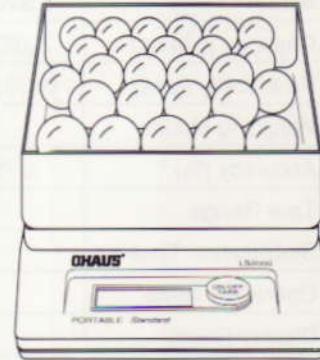
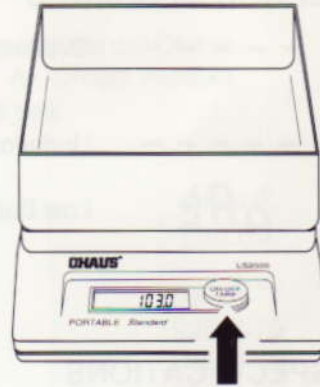


TARING

When weighing material that must be held in a container, taring stores the container weight in the balance's memory and subtracts it from the total weight on the platform.

1. Place an empty container on the platform.
2. Press  to rezero the display. The container's weight will be stored in memory.
3. Add items to the container. As items are added, the net weight will be displayed.

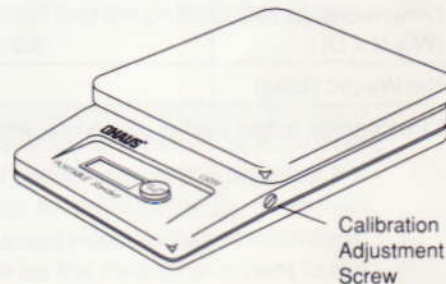
Tared weight remains in memory until  is pressed again.



CALIBRATION (LS200 Only)




If it becomes necessary to recalibrate the balance, use the following procedure:

1. Place a weight of known value on the platform and adjust the screw until the displayed weight is correct.
2. Remove the weight. If necessary, tare the balance to display zero.
3. Repeat steps 1 and 2 as needed to obtain the correct display with the weight on the platform and at zero.



NOTE: If overload or underload errors are displayed, set screw to central position, tare balance with no load and repeat procedure.

ERROR MESSAGES

	Overload:	The load on the platform exceeds the capacity of the balance.
	Underload:	Platform has been removed.
	Low Battery:	Battery needs to be replaced.

SPECIFICATIONS

Model	LS200	LS2000	LS2000P	LS5000	LS5000P
Capacity (g/lb:oz)	200/0:7	2000/4:06.55		5000/9:15.90	
Readability (g/oz)	0.1/0.01	1/0.05		2/0.1	
Weighing Modes	g/lb:oz				
Accuracy (%) *	±.75	±.35		±.35	
Tare Range	To capacity by subtraction				
Stabilization Time	2 seconds				
Operating Temp.	50° to 104° F/10° to 40° C				
Display (in/cm)	LCD (0.3/0.8 high)				
Power Requirements	9V Battery (not included) or AC Adapter (optional) 100, 120, 220, 240 VAC 50/60 Hz				
Platform Size (in/cm)	5.25 x 5.25/13.3 x 13.3				
Dimensions (in/cm) (W x H x D)	5.9 x 1.9 x 7.4/15 x 4.8 x 18.9				
Net Weight (lb/kg)	1/0.5				

* Percentage actual load or ±3 counts; whichever is greater

CARE AND MAINTENANCE

To keep the balance operating properly, the housing and platform should be kept clean and free from foreign material. If necessary, a damp cloth may be used. Do not use detergents.

SERVICE INFORMATION

For Service assistance in the United States, please call Ohaus Corporation toll-free at (800) 526-0659. An Ohaus Product Service Specialist will be available to help you.

ACCESSORIES

	<u>OHAUS Part No.</u>
AC Adapters:	
100/120 VAC US Plug	90524-77
220/240 VAC Euro Plug	90524-75
240 VAC UK Plug	90524-79
240 VAC Australian Plug	90524-76
1000 g calibration weight for LS200	51025-06
1044ml Container	77485-01
Postal Chart (for LS2000P and LS5000P)	76565-05

LIMITED WARRANTY

Ohaus products are warranted against defects in materials and workmanship from the date of delivery through the duration of the warranty period. 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.

This 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.

As warranty legislation differs from state to state and country to country, please contact Ohaus or your local Ohaus dealer for further details.

Ohaus Corporation
29 Hanover Road,
Florham Park, NJ 07932, USA
Tel: (201) 377-9000,
Telex: 6853191 Ohaus UW
Fax: (201) 593-0359

Ohaus Europe Ltd.
Unit G, Broad Lane,
Cottenham, Cambridge CB4 4SW, England
Tel: 0954-51343
Fax: 0954-50205

Ohaus Waagen Vertriebs GmbH
An der Johanneskirche 6
D-Giessen Germany
Tel: 49 0641 71025
Fax: 49 0641 71025

Ohaus de Mexico, S.A. de C.V.
Managua No. 697-Desp. 404
Col. Lindavista
Mexico, D.F. 07300 Mexico
Tel: 52-5-586-4905, 52-5-752-5746,
Fax: 52-5-754-7024

Ohaus Corporation
3 Robert Speck Parkway, Suite 900
Mississauga, Ontario L4Z 2G5, Canada
Tel: (416) 566-5859,
Fax: (416) 277-1232

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470.058.265