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Scout[®] SJX Series Balances

User Guide



1. SAFETY INFORMATION

Definition of Signal Warnings and Symbols

- WARNING** For a hazardous situation with medium risk, possibly resulting in injuries or death if not avoided.
- CAUTION** For a hazardous situation with low risk, resulting in damage to the device or the property or in loss of data, or injuries if not avoided.
- Attention** For important information about the product.
- Note** For useful information about the product.

Warning Symbols



General hazard



Electrical shock

Safety Precautions



CAUTION: Read all safety warnings before installing, making connections, or servicing this equipment. Failure to comply with these warnings could result in personal injury and/or property damage. Retain all instructions for future reference.

- Verify that the local AC power supply voltage is within the input voltage range printed on the AC adapter's ratings label.
- Only connect the AC adapter to a compatible grounded socket.
- Position the instrument such that the AC adapter can be easily disconnected from the socket.
- Position the power cord so that it does not pose a potential obstacle or tripping hazard.
- Operate the equipment only under ambient conditions specified in the user instructions.
- Do not operate the equipment in hazardous or explosive environments.
- Disconnect the equipment from mains power before cleaning or servicing.
- Service should only be performed by authorized personnel.

Intended Use

Use the instrument exclusively for weighing as described in the operating instructions. Any other type of use and operation beyond the limits of technical specifications without written consent from OHAUS, is considered as not intended. This instrument complies with current industry standards and the recognized safety regulations; however, it can constitute a hazard in use.

If the instrument is not used according to these operating instructions, the intended protection of the instrument may be compromised and OHAUS assumes no liability.

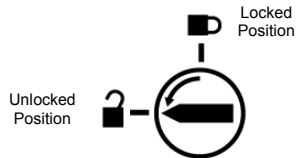
2. INSTALLATION

2.1 Selecting the location

The location must be sturdy, flat and level. Avoid locations with excessive air current, vibrations, heat sources or rapid temperature changes. Allow sufficient space around the instrument.

2.2 Releasing the Transportation Lock

On top of the balance, turn the pointer 90 degrees counter-clockwise to unlock.

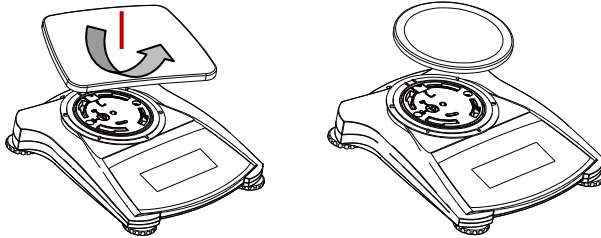


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2.3 Installing the Components

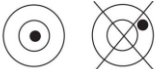
For SJX/E: Balances with a rectangular pan are placed into the sub-pan as shown and rotated counter-clockwise until it locks. Round pans are placed straight down on sub-pan.

For SJX: Install the stainless steel pan directly on the subplatform.



2.4 Levelling the Instrument

To level the instrument, adjust the feet so the bubble is centered in the circle of the level indicator. Be sure the equipment is level each time its location is changed.



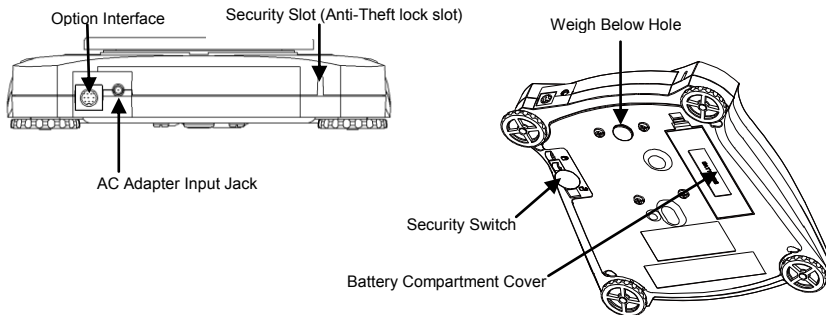
2.5 Connecting Power

AC Adapter Installation

Connect the AC adapter power cord to the instrument's power input connector, and then connect the AC plug to a suitable electrical outlet.



Attention: Only use an AC adapter specified by OHAUS.



Battery Installation

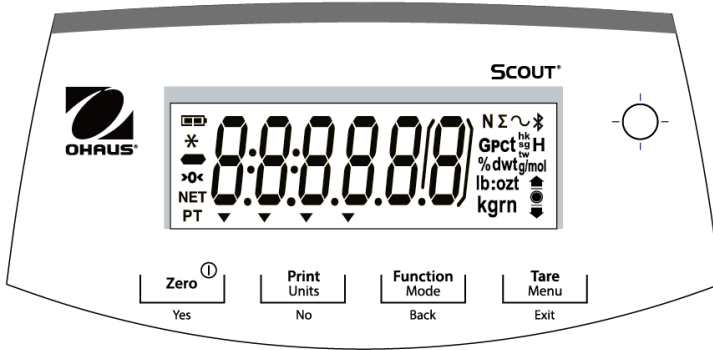
Install the four "AA" batteries with polarity as shown in the battery compartment.

2.6 Initial Calibration

For best results, the instrument's calibration should be checked prior to first use. If adjustment is needed, refer to the Calibration section of the instruction manual.

3. OPERATION

3.1 Overview of Display, Home Screen



Button	Zero ^①	Print Units	Function Mode	Tare Menu
	Yes	No	Back	Exit
Short Press	Zero/On Turns the balance on; If balance is On, sets Zero	Print Initiates print	Function Initiates an application mode	Tare Tare
Long Press	Off Turns the balance Off	Units Changes the weighing unit	Mode Changes the application mode	Menu Enters the user menu
Short Press (Menu Function)	Yes Accepts the current setting	No Advances to the next menu or setting	Back Moves to previous menu item	Exit Exits the user menu

3.2 Menu Structure

<u>C.a.l</u>	<u>S.E.t.U.P</u>	<u>M.o.d.E</u>	<u>U.n.i.t**</u>	<u>E.n.d</u>
In.CAL* A.CAL* CAL.Adj* Span Lin	Reset Filter AZT StableRange Backlight Auto Tare Auto Off	Reset Weighing Counting Percent Check Totalize Density Hold	Reset g kg ct oz ozt dwt lb grm hkt sgt twt t	
End	End	End	End	

Note: * These sub-menus are not available in SJX/E models.

** Available Units may vary by local regulations.

3.3 Using the Balance

Note: Before using any application, be sure the balance has been leveled and calibrated.

Weighing Application

1. If required, place an empty container on the pan and press **Tare**.
2. Add sample to the pan or container. The display shows the weight of the sample.

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4. MAINTENANCE.

4.1 Cleaning



WARNING: Electric Shock Hazard. Disconnect the equipment from the power supply before cleaning. Make sure that no liquid enters the interior of the instrument.



Attention: Do not use solvents, harsh chemicals, ammonia or abrasive cleaning agents.

The exterior surfaces of the instrument may be cleaned with a cloth dampened with water and a mild detergent.

4.2 Troubleshooting

For technical issues contact an Authorized Ohaus Service Agent. Please visit our website www.ohaus.com to locate the Ohaus office nearest you.

5. TECHNICAL DATA

The technical data is valid under the following conditions:

- Indoor use only
- Altitude: Up to 2000 m
- Operating temperature range: +5 °C to +40 °C
- Specified temperature range SJX, SJX/E models: +10 °C to +40 °C
- Specified temperature range SJXM models: +10°C to +30°C
- Relative humidity: 10% to 80% at 31°C, decreasing linearly to 50% at 40°C, non-condensing
- Mains supply voltage fluctuations: up to ±10% of the nominal voltage
- Installation category II
- Pollution degree: 2

SPECIFICATIONS :

General Models:




Model	SJX323 SJX323/E	SJX322 SJX322/E	SJX622 SJX622/E	SJX1502 SJX1502/E	SJX621 SJX621/E	SJX3201 SJX3201/E	SJX6201 SJX6201/E	SJX8200 SJX8200/E
Capacity	64 g / 320 ct	320 g	620 g	1500 g	620 g	3200 g	6200 g	8200 g
Readability	0.001 g / 0.005 ct	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g	1 g
Repeatability (Std. Dev.)	0.002 g / 0.01 ct	0.01 g	0.01 g	0.02 g	0.1 g	0.1 g	0.1 g	1 g
Linearity	0.003 g / 0.015 ct	0.01 g	0.02 g	0.03 g	0.1 g	0.1 g	0.2 g	1 g
Power	AC power adaptor input 100-240V 50/60 Hz and output 5V/1A DC, or 4AA batteries							

EC Type Approved Models:

Model	SJX323M	SJX622M	SJX1502M	SJX6201M
Capacity	64 g / 320 ct	620 g	1500 g	6200 g
Readability d	0.001 g / 0.01 ct	0.01 g	0.01 g	0.1 g
Verification Interval e	0.01 g / 0.1 ct	0.1 g	0.1 g	1 g
Repeatability (Std. Dev.)	0.002 g / 0.01 ct	0.01 g	0.02 g	0.1 g
Linearity	0.003g / 0.02 ct	0.02 g	0.03 g	0.2 g
Power	AC power adaptor input 100-240V 50/60 Hz and output 5V/1A DC, or 4AA batteries			

6. COMPLIANCE

Compliance to the following standards is indicated by the corresponding mark on the product.

Mark	Standard
	This product complies with the EU Directives 2014/30/EU (EMC), 2014/35/EU (LVD) and 2014/31/EU (NAWI). The EU Declaration of Conformity is available online at www.ohaus.com/ce .
	This product complies with the EU Directive 2002/96/EC (WEEE). Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment. For disposal instructions in Europe, refer to www.ohaus.com/weee .
	AS/NZS 61000.6.1, AS/NZS 61000.6.3

Verified weighing instruments

When the instrument is used in trade or a legally controlled application it must be set up, verified and sealed in accordance with local weights and measures regulations. It is the responsibility of the purchaser to ensure that all pertinent legal requirements are met.

Weighing Instruments verified at the place of manufacture bear the following supplementary metrology marking on the descriptive plate.



Weighing Instruments to be verified in two stages have no supplementary metrology marking on the descriptive plate. The second stage of conformity assessment must be carried out by the applicable weights and measures authorities.

If national regulations limit the validity period of the verification, the user of the weighing instrument must strictly observe the re-verification period and inform the weights and measures authorities

As verification requirements vary by jurisdiction, the purchaser should contact their local weights and measures office if they are not familiar with the requirements.