

UNPACKING

Carefully remove your Scout balance and each of its components from the package. Store the packaging material to ensure safe storage and future transport.

Included Components:

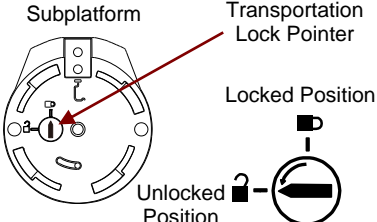

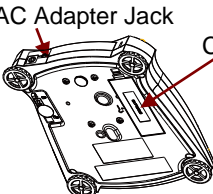
- Balance
- Quick Start Guide
- Warranty Card
- AC Adapter & Plug
- Pan
- Stacking & Storage Cover (not applicable for 1mg model)
- Calibration Mass* (only for models up to 620g capacity)
- Density Kits* (Up Hook & Beaker Stand)

* Only available for certain regions.

SELECTING THE LOCATION

Place on a firm, steady surface with sufficient space. Avoid excessive air current, vibrations, heat sources, or rapid temperature changes.

PREPARATION FOR USE

<p>Step-1</p>	<p>Release the red Transportation Lock on the subplatform of the balance</p> <p>Turn the pointer 90° counter-clockwise.</p>	 <p>Subplatform</p> <p>Transportation Lock Pointer</p> <p>Locked Position</p> <p>Unlocked Position</p>
<p>Step-2</p>	<p>Install the Pan</p> <p><i>Rectangular pan:</i> Place diagonally on sub-platform and rotate counter-clockwise until it locks.</p> <p><i>Round pan:</i> Set straight down on subplatform.</p>	
<p>Step-3</p>	<p>Connect Power</p> <p>Connect the AC Adapter to the balance input jack.</p> <p>Battery Installation</p> <p>Install the Four "AA" (LR6) batteries (not included) with polarity as shown in the battery compartment.</p>	 <p>AC Adapter Jack</p> <p>Battery Compartment</p>

SAFETY PRECAUTIONS

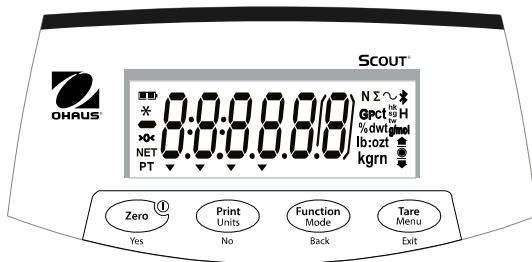


CAUTION: Read all safety warnings before installing, making connections, or servicing this equipment. Failure to comply with these warnings could result in personal injury and/or property damage. Retain all instructions for future reference.

- 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.

CONTROLS

Button Functions:



Button	Zero ¹ Yes	Print Units No	Function Mode Back	Tare Menu 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

CALIBRATION

When the balance is operated for the first time, a span calibration is recommended to ensure accurate weighing results. With balance turned on:

Step-1	Press and hold Menu until [MENU] (Menu) is displayed.
Step-2	Release the button, the display will show [C.A.L.].
Step-3	Press Yes to accept. [SPAN] will then be shown.
Step-4	Press Yes to begin the span calibration. Zero reading is stored automatically.
Step-5	The specified mass blinks on the display. Place the specified span calibration mass on the pan or press No to select an alternate weight. [--C--] will blink while the reading is stored. The display will show [done] if the calibration was successful. The balance returns to the previous application mode and is ready for use.

OPERATION & APPLICATIONS

The balance can be configured to operate in various Application modes. Press and hold **Mode** key to select your Application mode.

The Scout SKX balance incorporates the following Applications shown on the right:

[WtEIGH]	[SPEC.Gr]	[MOLE]
Weighing	Density Determination	Mole Weighing

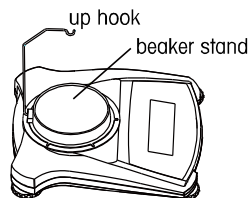
Weighing [**WtEIGH**]

1. Press the **Zero/On** button to turn the balance on.
2. Select Weighing (this application is the default) by pressing & holding **Mode** key.
3. Press **Tare** or **Zero** if necessary to begin.
4. Place objects on the pan to display the weight. When stable, the * appears. The display shows the resulting value of the sample.

Density Determination [**SPEC.Gr**]

This mode allows the user to calculate the specific gravity of a sample when using the density kit. Density mode has been initiated when “G” and the current unit is displayed.

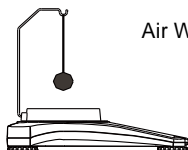
1. Prepare the balance as shown right. Remove the balance platform, insert the up hook and install the beaker stand (beaker is not supplied).
2. Press the **Zero/On** button to turn the balance on.



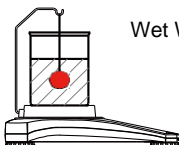
3. If needed, press & hold Mode key until [SPEC.Gr] is displayed, then release.
4. [Air.Wt] (Air weight) is displayed, place weight on the hook
5. Press **Yes** to store the dry weight value.
6. [Wt.Wt] (Wet weight) is displayed, place weight in the water.
7. Press **Yes** to get the final specific gravity value.

Note: "G" indicates a specific gravity value; and has no unit of measure.

For large samples it is recommended to use the weigh below feature (weigh below hook located in battery compartment).



Air Weight



Wet Weight

Mole Weighing Mode [M.L.E]

1. If needed, press and hold the **Mode** key until [M.L.E] is displayed, then release.
2. [M.L.E] is displayed.
2. Press the **Yes** key to clear the stored Molar Mass. Press the **No** key to recall the existing Molar Mass. If no Molar Mass was stored, the [M.L.E] display is skipped and inputting a Molar Mass is required.
3. If there is a Molar Mass stored, the current Molar Mass will be displayed and flashing.
4. Press the **No** key to begin editing the Molar Mass.
5. Press the **No/Back** key to increment/decrement the flashing digit.
7. Press the **Yes** key to accept the value and move one digit to the right.

Notes: If the setting exceeds the limit, the display returns to the previously stored value. The available settings are from 0.01 to 999.99. The Molar Mass unit is g/mol.

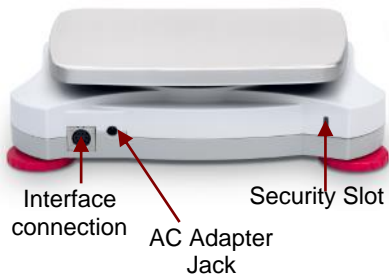
ADDITIONAL FEATURES

• **Connecting the Interface**

Use an optional interface connectivity kit to connect the balance either to a computer, printer or OHAUS auxiliary display.

Below Interface kit accessories are available: RS232, USB Host, USB Device, Ethernet, Bluetooth*.

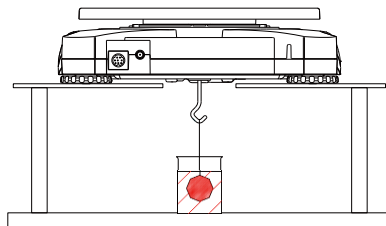
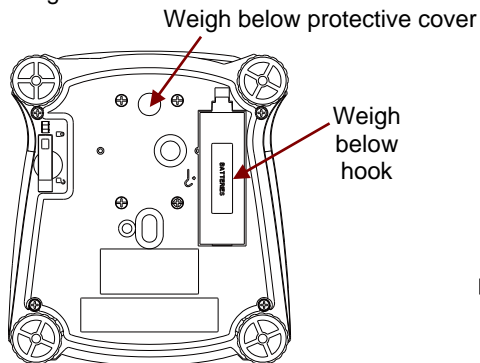
Interface connection on the rear of the balance:



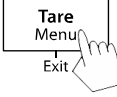



* Interface kits may vary according to local regulations

• **Weigh Below Hook**

The weigh below hook is located at the reverse side of the battery cover as shown. To use this feature, remove the red protective cover underneath for the weigh below opening.







MENU STRUCTURE

<u>Sub-Menus</u>	<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>
<p><i>User Menu Items:</i></p>  <p>Long press -Enter menu</p>  <p>Short press - Accept</p>  <p>Short press – Go Next/Prev. menu</p>  <p>Short press – Exit menu</p>	<p><i>Span Lin</i></p> <p><i>End</i></p>	<p><i>Reset Yes/No</i></p> <p><i>Filter Low/Med/High</i></p> <p><i>AZT 0.5/1/3/Off</i></p> <p><i>StableRange 0.5/1/2//5</i></p> <p><i>Backlight Off/On/Auto</i></p> <p><i>Auto Tare Off/On/On-acc</i></p> <p><i>Auto Off Off/1/5/10</i></p> <p><i>End</i></p>	<p><i>Reset Yes/No</i></p> <p><i>Weighing On/Off</i></p> <p><i>Density On/Off</i></p> <p><i>Mole On/Off</i></p> <p><i>End</i></p>	<p><i>Reset g</i></p> <p><i>kg</i></p> <p><i>N</i></p> <p><i>oz</i></p> <p><i>lb</i></p> <p><i>lb:oz</i></p> <p><i>End</i></p>	

Note: Bold fonts are default setting in the menu.

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
	CAN/CSA-C22.2 No. 61010-1 UL Std. No. 61010-1

INSTRUCTION MANUAL

For more detailed information about the balance, please refer to the product instruction manual. The instruction manual can be obtained either by scanning the QR code or by going to the product page and from there download it.

Go to www.ohaus.com to register your product's warranty.

Product Page:

<http://www.ohaus.com>

QR Code:

