



Scout™ Series Balances - SKX
Instruction Manual

Balanzas Scout™ - SKX Series
Manual de Instrucciones

Balances Scout™ Série - SKX
Mode d'emploi

Bilance Serie Scout™ - SKX
Manuale d'Istruzioni

Scout™ Waagen-Serien – SKX
Bedienungsanleitung



1. INTRODUCTION

This manual contains installation, operation and maintenance instructions for the Scout SKX Series Balances. Please read the manual completely before using the balance.

1.1 Definition of Signal Warnings and Symbols

Safety notes are marked with signal words and warning symbols. These show safety issues and warnings. Ignoring the safety notes may lead to personal injury, damage to the instrument, malfunctions and false results.

Signal Words

| | |
|-----------------------|--|
| 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 Note | For important information about the product. For useful information about the product. |

Warning Symbols



General Hazard



Electric Shock Hazard

1.2 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 is within the input voltage range printed on the AC adapter's data label.
- Only connect the AC adapter to a compatible grounded electrical outlet.
- Do not position the scale such that it is difficult to disconnect the AC adapter from the power receptacle.
- Make sure that the power cord does not pose a potential obstacle or tripping hazard.
- This equipment is intended for indoor use and should only be operated in dry locations.
- Operate the equipment only under ambient conditions specified in the user instructions.
- Do not operate the equipment in hazardous or unstable environments.
- Do not drop loads on the pan.
- Only use approved accessories and peripherals.
- Disconnect power from the equipment before cleaning or servicing.
- Service should only be performed by authorized personnel.

2. INSTALLATION

2.1 Installing Components

Refer to the illustrations and instructions below to identify and assemble your Scout balance with its components. All components must be assembled before using the balance.

2.1.1 Releasing the Shipping Lock

Release the red Transportation Lock on the sub-platform of the balance by turning the red pointer 90° counter-clockwise.

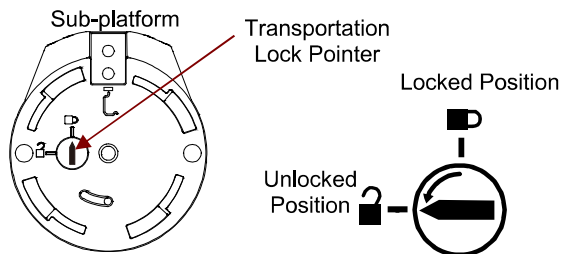


Figure 2-1. Transportation Lock

2.1.2 Installing the Weighing Pan

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

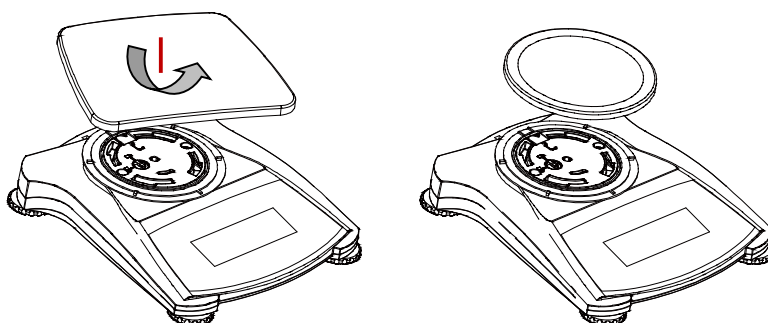


Figure 2-2. Pan Installation

2.2.3 Security Slot

A security slot is provided at the rear of the balance allowing the balance to be secured by an optional cable and lock accessory.

2.3 Selecting the Location

For best performance, the Scout SKX balance should be used in a clean, stable environment. Do not use the balance in environments with excessive drafts, with rapid temperature changes, near magnetic fields or near equipment that generates magnetic fields, or vibrations.

2.4 Connecting Power

AC Adapter Installation

AC power is used to power the scale when battery power is not needed. First, connect the AC Adapter (supplied) to the AC Adapter Input receptacle at the rear of the balance then connect the AC plug to an electrical outlet.



Figure 2-3. Rear and bottom view of balance

Battery Installation

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

Note:

After power on, it is recommended to let the balance warm up for at least 5 minutes before using it.

2.5 Initial Calibration

When the Balance is first installed, and when it is moved to another location, it must be calibrated to ensure accurate weighing results. The balance can be manually calibrated with external masses. Have the appropriate calibration masses available before beginning calibration. Refer to the Calibration Section for masses and calibration procedure.

3. OPERATION

3.1 Controls

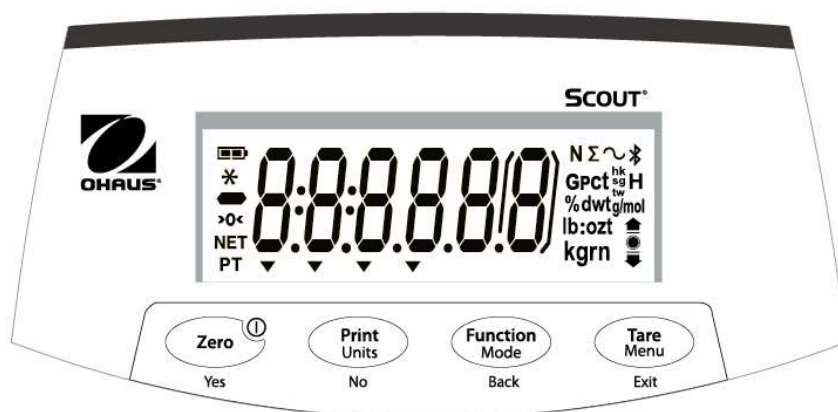


Figure 3-1. Scout Control Panel

TABLE 3-1. Button Functions

| Button | Zero ^① Yes | Print Units No | Function Mode Back | Tare Menu Exit |
|------------------------------------|--|---|---|---|
| Primary Function (Short Press) | Zero/On Turns the balance on If balance is On, sets Zero | Print Sends the current value to the selected COM ports if AUTOPRINT is set to Off. | Function Initiates an application mode. | Tare Enter/clear a tare value. |
| Secondary Function (Long Press) | Zero/Off Turns the balance Off. | Units Changes the weighing unit. | Mode Allows changing the application mode. | Menu Enter the User menu. |
| Menu Function (Short Press) | Yes Accepts the current setting on the display. | No Advances to the next menu or menu item. Rejects the current setting on the display and advances to the next available setting. | Back Moves Back to previous menu item. | Exit Exits the User menu. Aborts the calibration in progress. |

Notes: ¹ Short Press: Press less than 1 second.

² Long Press: Press and hold for more than 2 seconds

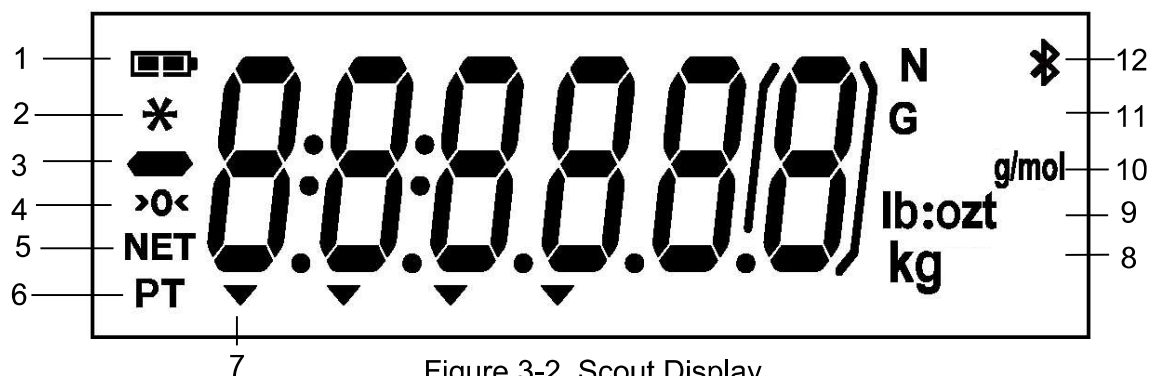


Figure 3-2. Scout Display

TABLE 3-2. Display Symbols

| Item | Description | Item | Description |
|------|-----------------------|------|-----------------------------------|
| 1 | Battery charge symbol | 7 | Pointer symbols |
| 2 | Stable weight symbol | 8 | Kilogram, grain symbols |
| 3 | Negative symbol | 9 | Pound, Ounce, Pound:Ounce symbols |
| 4 | Center of Zero symbol | 10 | g/mol symbol |
| 5 | NET symbol | 11 | G symbol |
| 6 | Preset Tare symbol | 12 | Newton, Bluetooth symbols |

3.2 Turning Balance On/Off

To turn the balance on, press and hold the **On/Zero Off** button for 1 second. The balance performs a display test, momentarily displays the software version, and then enters the active weighing mode.

To turn the balance off, press and hold the **On/Zero Off** button until OFF is displayed.

3.3 Calibration Operation

When the balance is operated for the first time, a span calibration is recommended to ensure accurate weighing results. Before performing the calibration, be sure to have the appropriate calibration weights. Ensure that the Security switch is set to unlocked position.

Press and hold Menu until [MENU] (Menu) is displayed. When the button is released, the display will show [C.A.L.]. Press **Yes** to accept. [SPAN] will then be shown. Press Yes to begin the span calibration.

[--C--] will be displayed while zero reading is stored. Next, the display shows the calibration weight value (press **No** to toggle value). Place the specified calibration mass on the pan. [--C--] will be displayed 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.

3.4 Weighing Mode

This mode is the factory default setting.

- 1.If needed, press and hold **Mode** until [WEIGH] (Weigh) is displayed.
- 2.If required, place an empty container on the pan and press **Tare**.
- 3.Add sample to the pan or container. The display shows the weight of the sample.

3.5 Density Mode

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.

The sample is weighed in air suspended from the hook and then weighed in water. The formula is

$$\frac{\text{dry weight}}{\text{dry weight} - \text{wet weight}}$$

Preparation

Prepare the balance as shown below. Remove the balance pan, insert the hook and install the beaker stand (beaker is not supplied). Then press the **Zero/On** button to turn the balance on.

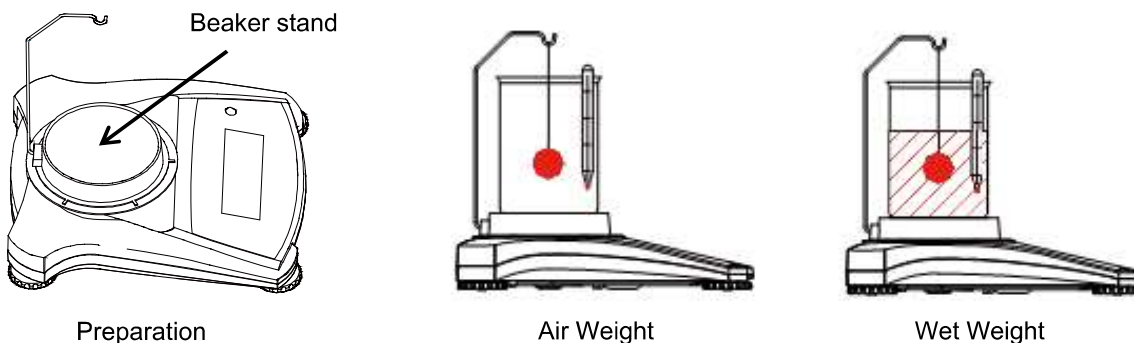


Figure 3-3. Density Setup

Density setup

1. Press and hold **Mode** until [SPEC.G] is displayed. [Air.Wgt] will then be displayed.
2. Place the sample on the hook as described above and press **Yes** to store the dry weight value. [Wt.Wgt] will then be displayed.
3. Suspend the sample in water and press **Yes** to store the wet weight value. The specific gravity value is now displayed and “G” is blinking while the unit icon is turned off.

Notes: Specific Gravity has no unit of measure.

For large samples it is recommended to use the weighing below feature instead of the hook.

3.6 Mole Weighing Mode

To enter the Mole Weighing mode from any application mode, press and hold the **Mode** key until [MOL] is displayed. When the **Mode** key is released, the display shows [CL.M].

1. 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 [CL.M] display is skipped and inputting a Molar Mass is required.
2. If there is a Molar Mass stored, the current Molar Mass will be displayed and flashing.
3. Press the **No** key to begin editing the Molar Mass.
5. Press the **No** key to increment the flashing digit.
6. Press the **Back** key to 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 most left number can be set to 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, -. All other numbers can be set to 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

The available settings are from 0.01 to 999.99.

The Molar Mass unit is g/mol.

Display Molar Mass:

Press Function key to display the existing Molar Mass value for 2 sec.

New Molar Mass:

To enter a new Molar Mass press and hold the Function/Mode key until [MOL] is displayed.

4. MENU SETTINGS

The User Menu allows the customizing of balance settings.

Note: Additional Sub-Menus may be available if Interface Options are installed. See Interface User Manual for the additional setting information.

4.1 Menu Navigation

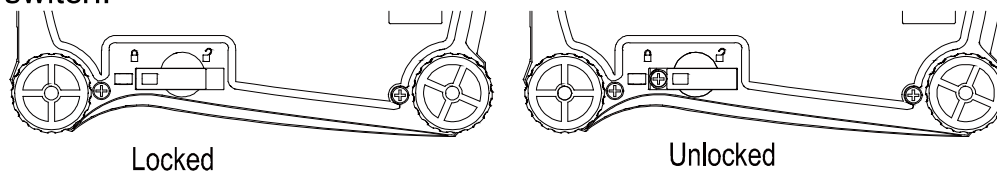
User Menu:

| <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>User Menu Items:</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">Tare Menu Exit</div> <div>Long press - Enter menu</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="margin-right: 5px;">Yes</div> <div>Short press - Accept</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="margin-right: 5px;">No/Back</div> <div>Short press - Go Next/Prev. menu</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="margin-right: 5px;">Exit</div> <div>Short press - Exit menu</div> </div> | <p>Span <i>Lin</i></p> <p><i>End</i></p> | <p>Reset Yes/No</p> <p>Filter Low/Med/High</p> <p>AZT 0.5/1/3/Off</p> <p>StableRange 0.5/1/2/5</p> <p>Backlight Off/On/Auto</p> <p>Auto Tare Off/On/On-acc</p> <p>Auto Off Off/1/5/10</p> <p><i>End</i></p> | <p>Reset Yes/No</p> <p>Weighing On/Off</p> <p>Density On/Off</p> <p>Mole On/Off</p> <p><i>End</i></p> | <p>Reset</p> <p>g kg N oz lb lb:oz</p> <p><i>End</i></p> | |

Notes: Some Units/Modes may not be available in all models.

When the Security Switch is in locked position, the Calibration function is hidden, Units are locked to the current setting.

Security switch:



4.2 Calibration Menu

Enter this menu to perform calibrations.

| | |
|------------------|-----------|
| Span: | Perform |
| Linearity: | Perform |
| End Calibration: | Exit menu |

Span [*SPAN*]

Initiates a span calibration procedure (zero and span)

Lin [*L* *IN*]

Initiates a linearity calibration procedure (zero, mid-point and span).

End Cal [*End*]

Advance to the next menu or return to the top of the current menu.

4.3 Setup Menu

Enter this menu to set balance parameters.

| | |
|---------------------|---------------------------|
| Reset: | no , yes |
| Filter: | Low, Med , High |
| Auto Zero Tracking: | off, 0.5d , 1d, 3d |
| Stable: | 0.5d, 1d , 2d, 5d |
| Backlight: | off, on, auto |
| Auto Tare: | off , on, on-acc |
| Auto Off: | off , 1, 5, 10 |
| End Setup: | Exit menu |

Note: **Bold** always represents factory default value.

Reset [**rE5Et**]

Reset the Setup menu to factory defaults.

NO = not reset
YES = reset

Filter [**F, LLEr**]

Set the amount of signal filtering.

LOW = less stability, faster stabilization time
MED = normal stability, stabilization time
HI = greater stability, slower stabilization time

AZT [**A2t**]

Set the automatic zero tracking functionality.

OFF = disabled
0.5d = the display will maintain zero until a change of 0.5 division per second has been exceeded.
1d = the display will maintain zero until a change of 1 division per second has been exceeded.
3d = the display will maintain zero until a change of 3 divisions per second has been exceeded.

Stable Range [**StABLE**]

Set the amount the reading can vary while the stability symbol remains on.

0.5d = 0.5 balance division
1d = 1 balance division
2d = 2 balance divisions
5d = 5 balance divisions

Back Light [**b.L, 9hE**]

Sets backlight functionality.

OFF = always off
ON = always on
AUTO = turns on when a button is pressed or the displayed weight changes.

Note: When connected with power pack, the backlight is always on.

Auto Tare [**A, tArE**]

Set the automatic tare functionality.

OFF = Automatic Tare is disabled
ON = the first stable gross weight is tared
ON-ACC = stable gross loads within the accept limits are tared (in Check weighing mode)

Auto off [A.OFF]

Set the automatic shut off functionality.

- OFF = disabled
- 1 = powers off after 1 minute of no activity
- 5 = powers off after 5 minutes of no activity
- 10 = powers off after 10 minutes of no activity

End Setup [End]

Advance to the next menu or return to the top of the current menu.

4.4 Mode Menu

This menu activates modes so they will be available for use with the Mode button.

| | |
|-----------|----------------|
| Reset: | no, yes |
| Weigh: | off, on |
| Density: | off, on |
| Mole: | off, on |
| End Mode: | Exit menu |

Reset [rESEt]

Reset the Mode menu to factory defaults.

- NO = not reset
- YES = reset

Weigh [LWt WtM]

Set the status.

- OFF = disabled
- ON = enabled

Density [SPec.Gr]

Set the sub-mode

- OFF = disabled
- ON = enabled

Mole [MOLt]

Set the sub-mode

- OFF = disabled
- ON = enabled

Advance to the next menu or return to the top of the current menu.

End Mode [End]**4.5 Unit Menu**

This menu activates units so they will be accessible with the **Units** button. The units in the menu must be turned “on” to be active.

Note: Available units vary by model and local regulations.

| | |
|-----------|-----------------|
| g: | off, on |
| kg: | off , on |
| N: | off , on |
| oz: | off , on |
| lb: | off , on |
| lb:oz: | off , on |
| End Unit: | Exit menu |

4.6 Additional Features

Weigh Below Hook

The Scout Balance is equipped with a weigh below hook for weighing below the balance. The weigh below hook is located at the reverse side of the battery cover as shown below. To use this feature, remove the red protective cover underneath for the weigh below opening.



Attention: Before turning the balance over, remove the Pan and Pan Support (if present), and turn the transportation lock to “locked” position to prevent damage.

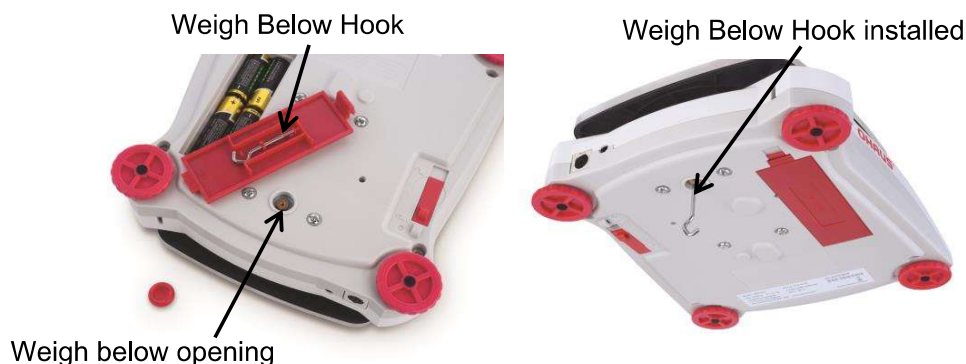


Figure 4-2. Weigh below

The balance can be supported using lab jacks or any other convenient method. Ensure the balance is level and secure and that the transportation lock has been released. Power on the Balance, then use a string or wire to attach items to be weighed.

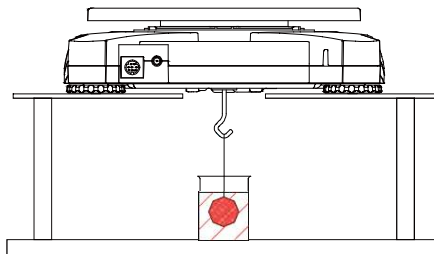


Figure 4-3. Weigh below application

Connecting the Interface

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

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

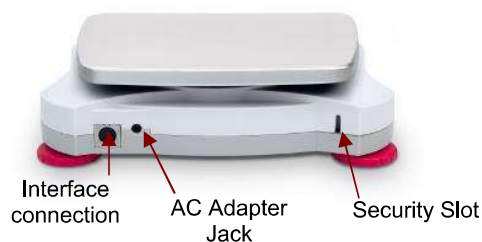


Figure 4-4. Rear of the balance

* Interface kits may vary according to local regulations

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5. MAINTENANCE

5.1 Cleaning



WARNING: Electric Shock Hazard. Disconnect the equipment from the power supply before cleaning. Electric Shock Hazard.

The housing may be cleaned with a cloth dampened with a mild detergent if necessary.

Attention: Do not use solvents, chemicals, alcohol, ammonia or abrasives to clean the housing or control panel.

5.2 Troubleshooting

The following table lists common problems and possible causes and remedies.

If the problem persists, contact OHAUS or your authorized dealer.

TABLE 5-1

| Symptom | Possible Cause |
|------------------|---|
| Cannot turn on | No power to balance |
| Poor accuracy | Improper calibration Unstable environment |
| Cannot calibrate | Security switch in locked position |
| Err B.1 | Weight exceeds power on zero range. |
| Err B.2 | Weight below power on zero range. |
| Err B.3 | Over load (weight exceeds rated capacity) |
| Err B.4 | Under load (pan removed) |
| Err B.5 | Tare out of range |
| Err B.6 | Displayed value exceeds 999999 (possible in Totalization mode) |
| PEF.Err | Parts counting or percentage error – sample weight <1d. Balance shows error then exits parts counting or goes to [CLF.APW]. |
| Lo.PEF | Percent Reference weight or APW is too low for accurate results |
| CAL E | Fail to do calibration. |
| USB.Err | Cannot find menu or app file in U-disk. |

5.3 Service Information

If the troubleshooting section does not resolve or describe your problem, contact your authorized OHAUS service agent. For service assistance or technical support in the United States call toll-free 1-800-672-7722 ext. 7852 between 8:00 AM and 5:00 PM EST. An OHAUS product service specialist will be available to provide assistance. Outside the USA, please visit our web site, www.ohaus.com to locate the OHAUS office nearest you.

5.4 Accessories

TABLE 5-2. ACCESSORIES

| DESCRIPTION | Item Number | DESCRIPTION | Item Number |
|------------------|-------------|-----------------------|---------------|
| RS232 kit | 30268982 | Stacking Kit, x1 | 30268988 |
| USB Host kit | 30268983 | Specific Gravity kit | 30269020 |
| USB Device Kit | 30268984 | Auxiliary Display Kit | 30269019 |
| Bluetooth Kit* | 30268985 | Carrying Case | 30269021 |
| Ethernet Kit | 30268986 | In-Use Cover | 30269022 |
| Stacking Kit, x6 | 30268987 | Printers and Cables | Contact OHAUS |

Note: * Bluetooth kit is only available in certain regions according to the local regulations.

6. TECHNICAL DATA

The technical data is valid under the following ambient conditions:

Indoor use only

Operating temperature range: +5 °C to +40 °C

Relative humidity: 10% to 80% at 31 °C, decreasing linearly to 50% at 40 °C, non-condensing

Altitude: Up to 2000 m

Power: AC power adaptor input 100-240V 50/60 Hz and output 5 V DC 1 A, or 4 AA batteries

Pollution degree: 2

Main supply voltage fluctuations: up to $\pm 10\%$ of the nominal voltage

6.1 Specifications

TABLE 6-1. SPECIFICATIONS

| Model | SKX123 | SKX222 | SKX422 | SKX622 | SKX1202 | SKX2202 |
|---------------------------------|---|--------------------------------------|------------|------------|-----------------------------|------------|
| Capacity (g) | 120 | 220 | 420 | 620 | 1200 | 2200 |
| Readability (g) | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Repeatability (Std. Dev.) (g) | 0.002 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 |
| Linearity (g) | 0.003 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 |
| Span Calibration Mass* | 100 g | 200 g | 200 g | 300 g | 1 kg | 2 kg |
| Linearity Calibration Mass | 50, 100 g | 100, 200 g | 200, 400 g | 300, 600 g | 500 g, 1 kg | 1 kg, 2 kg |
| Stabilization Time (s) | 1.5 | 1 | 1 | 1 | 1.5 | 1.5 |
| Construction | ABS plastic housing with 304 stainless steel (SST) pan | | | | | |
| Draftshield | Yes | No | | | | |
| Calibration | User-selectable external span or linearity calibration / Digital with external weight | | | | | |
| Tare Range | Full Capacity by subtraction | | | | | |
| Weighing Units** | g, kg, N, oz, lb, lb:oz | | | | | |
| Application Modes | Weighing, Density Determination, Mole Weighing | | | | | |
| Typical Battery Life | 80 hours | 120 hours | 80 hours | | | |
| Specified Temperature Range | 10°C (50°F) to 40°C (104°F) at 10% to 80% relative humidity, non-condensing | | | | | |
| Storage Conditions | -20°C (-4°F) to 55°C (131°F) at 10% to 90% relative humidity, non-condensing | | | | | |
| Communication | RS232, USB Host, USB Device, Ethernet or Bluetooth*** (all available as accessory) | | | | | |
| Display Type | Backlit LCD: 6-digit 7-segment with white LED backlight | | | | | |
| Display Size | 0.78 in / 20 mm digits | | | | | |
| Pan Size (W x D) | Ø93 mm / 3.7 in | Ø120 mm / 4.7 in | | | 170 x 140 mm / 6.7 x 5.5 in | |
| Balance Dimensions (W x D x H) | 202 x 222 x 103 mm / 8 x 8.7 x 4.1 in | 202 x 224 x 54 mm / 8 x 8.8 x 2.1 in | | | | |
| Shipping Dimensions (W x D x H) | 300 x 250 x 129mm / 11.8 x 9.8 x 5.1 in | | | | | |
| Net Weight | 1 kg / 2.2 lb | | | | | |
| Shipping Weight | 1.6 kg / 3.5 lb | | | | | |

Notes:

* Calibration weights are included with models up to 620g capacity for certain regions.

** Availability is dependent on model and region.

*** Bluetooth kit is only available in certain regions according to the local regulations

TABLE 6-2. SPECIFICATIONS (Cont.)

Capacity x Readability:

| Model | SKX123 | SKX222 | SKX422 | SKX622 | SKX1202 | SKX2202 |
|---------------------|-------------------|-----------------|------------------|-------------------------|--------------------------|--------------------------|
| Gram (g) | 120 x 0.001 | 220 x 0.01 | 420 x 0.01 | 620 x 0.01 | 1200 x 0.01 | 2200 x 0.01 |
| Kilogram (kg) | / | / | / | / | 1.2 x 0.00001 | 2.2 x 0.00001 |
| Newton (N) | 1.17679 x 0.00001 | 2.1574 x 0.0001 | 4.1188 x 0.0001 | 6.0801 x 0.0001 | 11.7679 x 0.0001 | 21.5744 x 0.0001 |
| Ounce (oz) | 4.23290 x 0.00005 | 7.7600 x 0.0005 | 14.8150 x 0.0005 | 21.8700 x 0.0005 | 42.3290 x 0.0005 | 77.6030 x 0.0005 |
| Pound (lb) | / | / | / | 1.36690 x 0.00005 | 2.64555 x 0.00005 | 4.85020 x 0.00005 |
| Pound:Ounce (lb:oz) | / | / | / | 1lb:5.8700oz x 0.0005oz | 2lb:10.3290oz x 0.0005oz | 4lb:13.6030oz x 0.0005oz |

TABLE 6-3. SPECIFICATIONS (Cont.)

| Model | SKX421 | SKX621 | SKX2201 | SKX6201 | SKX8200 |
|---------------------------------|---|-----------------------------|------------|------------|------------|
| Capacity (g) | 420 | 620 | 2200 | 6200 | 8200 |
| Readability (g) | 0.1 | 0.1 | 0.1 | 0.1 | 1 |
| Repeatability (Std. Dev.) (g) | 0.1 | 0.1 | 0.1 | 0.1 | 1 |
| Linearity (g) | 0.1 | 0.1 | 0.1 | 0.2 | 1 |
| Span Calibration Mass* | 200 g | 300 g | 2 kg | 5 kg | 8 kg |
| Linearity Calibration Mass | 200, 400 g | 300, 600 g | 1 kg, 2 kg | 3 kg, 6 kg | 4 kg, 8 kg |
| Stabilization Time (s) | 1 | 1 | 1 | 1 | 1 |
| Construction | ABS plastic housing with 304 stainless steel (SST) pan | | | | |
| Draftshield | No | | | | |
| Calibration | User-selectable external span or linearity calibration / Digital with external weight | | | | |
| Tare Range | Full Capacity by subtraction | | | | |
| Weighing Units** | g, kg, N, oz, lb, lb:oz | | | | |
| Application Modes | Weighing, Density Determination, Mole Weighing | | | | |
| Typical Battery Life | 120 hours | | | 80 hours | 120 hours |
| Specified Temperature Range | 10°C (50°F) to 40°C (104°F) at 10% to 80% relative humidity, non-condensing | | | | |
| Storage Conditions | -20°C (-4°F) to 55°C (131°F) at 10% to 90% relative humidity, non-condensing | | | | |
| Communication | RS232, USB Host, USB Device, Ethernet or Bluetooth*** (all available as accessory) | | | | |
| Display Type | Backlit LCD: 6-digit 7-segment with white LED backlight | | | | |
| Display Size | 0.78 in / 20 mm digits | | | | |
| Pan Size (W x D) | Ø120 mm / 4.7 in | 170 x 140 mm / 6.7 x 5.5 in | | | |
| Balance Dimensions (W x D x H) | 202 x 224 x 54 mm / 8 x 8.8 x 2.1 in | | | | |
| Shipping Dimensions (W x D x H) | 300 x 250 x 129mm / 11.8 x 9.8 x 5.1 in | | | | |
| Net Weight | 1 kg / 2.2 lb | | | | |
| Shipping Weight | 1.6 kg / 3.5 lb | | | | |

Notes:

* Calibration weights are included with models up to 620g capacity for certain regions.

** Availability is dependent on model and region.

*** Bluetooth kit is only available in certain regions according to the local regulation

TABLE 6-4. SPECIFICATIONS (Cont.)

Capacity x Readability:

| Model | SKX421 | SKX621 | SKX2201 | SKX6201 | SKX8200 |
|---------------------|----------------|-----------------------|------------------------|-------------------------|----------------------|
| Gram (g) | 420 x 0.1 | 620 x 0.1 | 2200 x 0.1 | 6200 x 0.1 | 8200 x 1 |
| Kilogram (kg) | / | / | 2.2 x 0.0001 | 6.2 x 0.0001 | 8.2 x 0.001 |
| Newton (N) | 4.119 x 0.001 | 6.080 x 0.001 | 21.574 x 0.001 | 60.801 x 0.001 | 80.41 x 0.01 |
| Ounce (oz) | 14.815 x 0.005 | 21.870 x 0.005 | 77.600 x 0.005 | 218.700 x 0.005 | 289.25 x 0.05 |
| Pound (lb) | / | 1.3670 x 0.0005 | 4.8500 x 0.0005 | 13.6685 x 0.0005 | 18.080 x 0.005 |
| Pound:Ounce (lb:oz) | / | 1lb:5.870oz x 0.005oz | 4lb:13.600oz x 0.005oz | 13lb:10.700oz x 0.005oz | 18lb:1.25oz x 0.05oz |

6.2 Drawings

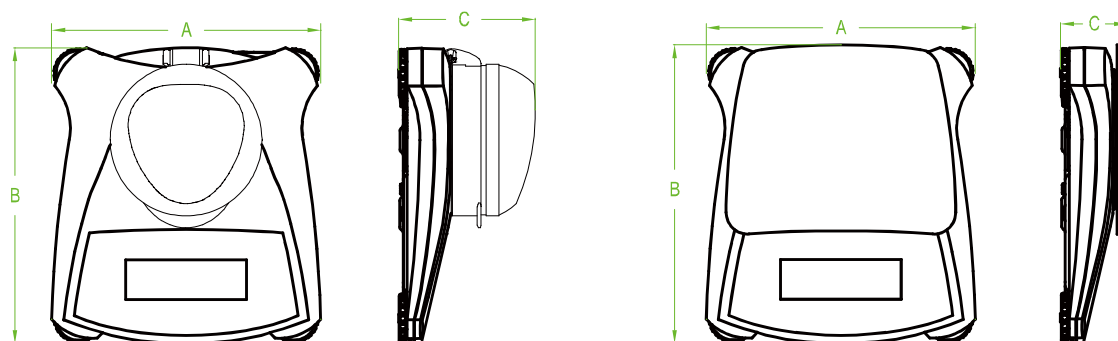





Figure 6.1 Dimensions

| Model | A | B | C |
|------------------|------------------|------------------|------------------|
| with draftshield | 202 mm / 8.0 in. | 222 mm / 8.7 in. | 103 mm / 4.1 in. |
| w/o draftshield | 202 mm / 8.0 in. | 224 mm / 8.8 in. | 54 mm / 2.1 in. |

6.3 Compliance

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

| Mark | Standard |
|---|---|
|  | This product complies with the applicable harmonized standards of EU Directives 2011/65/EU (RoHS), 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 . |
|  | EN 61326-1 |
|  | CAN/CSA-C22.2 No. 61010-1 UL Std. No. 61010-1 |

Important notice for verified weighing instruments in the EU

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.

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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.