Welch Allyn Masted Scales

Directions for use
Models 5002, 5122, 5702, 6002, 6702, 6702SP, 6702W
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Introduction

Intended use

The Welch Allyn Masted Scales are intended to be used by clinicians for weighing patients up to 660 pounds (300 kg) for model 5122, up to 880 pounds (400 kg) for models 5002 and 6002, and up to 1000 pounds (454 kg) for models 5702, 6702, 6702SP, and 6702W.

Indications for use

The Welch Allyn Masted Scales are used by clinicians to weigh patients. An optional height gauge is available on some models.

Symbols

Documentation symbols

**WARNING** The warning statements in this manual identify conditions or practices that could lead to illness, injury, or death. Warning symbols will appear with a grey background in a black and white document.

**Caution** The caution statements in this manual identify conditions or practices that could result in damage to the equipment or other property, or loss of data.

Consult Directions for Use

Shipping, storing, and environment symbols

- ![Temperature limit](image)
- ![Keep dry](image)
- ![Separate collection of Electrical and Electronic Equipment. Do not dispose as unsorted municipal waste.](image)
- ![Fragile](image)
About warnings and cautions

Caution statements can appear on the Welch Allyn Masted Scales, the packaging, the shipping container, or in this Directions for use.

The Welch Allyn Masted Scales are safe for patients and clinicians when used in accordance with the instructions and caution statements presented in this Directions for use.

Before using the device, you must familiarize yourself with all cautions, with the steps to power up the device, and with the sections of this Directions for use that pertain to your use of the device. In addition to reviewing the general cautions presented in the next section, you must also review the more specific cautions that appear throughout the manual in conjunction with setup/startup, operation, and maintenance tasks.

- Failure to understand and observe any warning statement in this manual could lead to patient injury or illness.
- Failure to understand and observe any caution statement in this manual could lead to damage to the equipment or other property, or loss of patient data.
General warnings and cautions

**WARNING** Patient or operator injury risk. Maintain control of the patient at all times, including when the patient is stepping on and off the scale. Failure to do so could result in a fall risk or other serious injury to you or the patient.

**WARNING** Patient or operator injury risk. Make sure the scale is positioned on a stable surface and in a way to avoid shock or bumping hazards.

**CAUTION** Make sure that you routinely perform general maintenance and equipment safety checks on your scale. Remove the scale from service when you notice damaged power cords.

**CAUTION** Make sure the scale is set in the proper measurement units for your facility. Make sure you record the measurement units as they are displayed.

**CAUTION** Do not use this scale to transport patients or items.
Controls and indicators

Scale

Models 5002 and 5702

1. Steering handle/hand grip
2. Control panel
3. Mast
4. Hand rail
5. Wheels
6. Weighing platform

N/A  Battery access door (located on the rear of the mast)

N/A  Height gauge (optional)
Models 6002, 6702, 6702W, and 6702SP

1. Steering handle/hand grip
2. Control panel
3. Mast
4. Hand rail (optional)
5. Wheels
6. Weighing platform
7. Wheelchair ramp

N/A Battery access door (located on the rear of the mast)
N/A Height gauge (optional)
Model 5122

1  Control panel
2  Mast (battery access door located on front)
3  Weighing platform
Control panel buttons

Button | Function
--- | ---
ZERO | Press this button to reset the scale to zero.
ON | Press this button to turn on the scale.
ST | Press this button in conjunction with ON to enter the setup mode.
RECALL | Press this button to recall the previously stored scale reading.
LB | Press this button to display the weight in pounds.
KG | Press this button to display the weight in kilograms.
PRINT (DATA) SEND | Press this button to print the current weight.
On models equipped with a RS-232 port, pressing this button when the scale is connected to a computer sends the current measurement to the computer.
REWEIGH | Press this button to retake the patient’s weight.

Note: This button is not present if you purchased a scale with the kilogram-only option.
Assembly and setup

The scale is fully assembled at the factory and tested. In some instances, the scales are shipped assembled. However, due to size and shipping restrictions, most scales are partially disassembled. If assembly is required, it can be done with common hand tools. When special tools are required, they are supplied with the scale. Ensure that all bolts and fasteners are securely tightened.

Use the following instructions to assemble and setup your scale for use.

**WARNING** Inaccurate measurement risk. If your scale requires assembly, make sure that the serial number of the mast and the serial number of the base match when assembling. Failure to do so can cause inaccurate patient measurements.

**Models 5002 and 5702 stand-on scales**

1. Carefully remove all parts from the shipping carton and inspect the components for shipping damage.
2. Place the scale base on the floor or on a workbench.
3. Remove the bolts and washers from the rear of the scale base.
4. Insert the mast into the base. Ensure that the readout display is facing the patient when the patient stands on the scale.
5. Fasten the mast with the bolts and washers removed in Step 3.
6. Tighten the bolts securely to ensure that a solid connection is made.

**Weighing deck mounting (model 5702)**

1. Position the weighing deck so that the two sets of holes are closest to the mast.
2. Line the weighing deck up with the mounting holes in the aluminum plate.
3. Install the four flat head screws through the weighing deck.
4. Securely tighten the supplied mounting screws with the provided hex key.

**Handrail mounting**

1. Attach the handrail to the top of the weighing platform using the button head screws and the provided hex key.
   Three screws are required for each mounting plate (six total screws).
2. Tighten all six screws securely to ensure a safe and stable handrail.
Height gauge assembly (purchasable option)

If your scale was ordered with a height gauge, follow the installation instructions included with the height gauge.

Model 5122 stand-on scale

The 5122 model scale is shipped assembled, so no assembly is required. It operates the same as the 5002 model. Handrails are not available for this scale.

Model 6002 wheelchair scale

1. Carefully remove all parts from the shipping carton and inspect the components for shipping damage.
2. Place the scale base on the floor or on a workbench.
3. Remove the bolts and washers from the rear of the scale base.
4. Insert the mast into the base. Ensure that the readout display is facing the patient when the patient stands on the scale.
5. Fasten the mast with the bolts and washers removed in Step 3.
6. Tighten the bolts securely to ensure a solid connection is made.

Weighing deck mounting

1. Position the weighing deck so that the two sets of holes under the flaps are closest to the mast.
2. Line the weighing deck up with the mounting holes in the aluminum plate.
3. Install the four flat head screws through the weighing deck.
4. Securely tighten the supplied mounting screws with the provided hex key.

Handrail mounting (purchasable option)

If your scale was purchased with an optional handrail, follow the installation instructions included with the handrail.

Height gauge assembly (purchasable option)

If your scale was ordered with a height gauge, follow the installation instructions included with the height gauge.

Models 6702, 6702SP, and 6702W wheelchair scales

1. Carefully remove all parts from the shipping carton and inspect the components for shipping damage.
2. Place the scale base on the floor or on a workbench.
3. Remove the bolts and washers from the rear of the scale base.
4. Insert the mast into the base. Ensure that the readout display is facing the patient when the patient stands on the scale.
5. Fasten the mast with the bolts and washers removed in Step 3.
6. Tighten the bolts securely to ensure a solid connection is made.

### Outrigger feet installation (model 6702SP)

1. Position the scale so that the bottom feet are accessible.
2. Locate one of the four outrigger feet brackets, and remove the screws and nuts connecting the feet, spacers, and angle bracket to the J-bend bracket. Save all items for later use.
3. Position the J-bend side of the bracket on the inside lip of the scale frame. Make sure to align the bracket with the previous foot holes in the frame.
4. Place one of the feet and the thinner spacer removed in Step 2 on the J-bend bracket. Thread and tighten the 1/4-inch screw removed in Step 2 through the foot, through the J-bend bracket, and into the frame.
5. Install one of the nuts removed in Step 2 on top of the screw.
6. Make sure that the flat end of the button-head cap screw on the angle bracket is flush with the face of the bracket.
7. Place the angle bracket on top of the J-bend bracket.
8. Place the second foot and the thicker spacer removed in Step 2 on the J-bend bracket. Feed the 1/4-inch screw through the foot, through the thicker washer, through the outer hole in the J-bend bracket, and through the angle bracket. Secure with one of the nuts removed in Step 2 on top of the screw.
9. Feed the button-head cap screw removed in Step 2 through the remaining hole in the J-bend bracket and the angle bracket. Secure it with one of the nuts removed in Step 2 on top of the screw.
10. Tighten the button-head cap screw on the angle bracket until it makes contact with edge of the scale frame. Tighten an additional 3/8 turn.
11. Repeat Step 2 through Step 10 for the remaining three brackets.
12. Attach the deck to the top of the scale using the 10 provided flat head screws.

### Weighing deck mounting

1. Position the weighing deck so that the two sets of holes under the flaps are closest to the mast.
2. Line the weighing deck up with the mounting holes in the aluminum plate.
3. Install the 10 flat head screws through the weighing deck.
4. Securely tighten the supplied mounting screws with the provided hex key.

### Handrail mounting (purchasable option)

If your scale was purchased with an optional handrail, follow the installation instructions included with the handrail.

### Height gauge assembly (purchasable option)

If your scale was ordered with a height gauge, follow the installation instructions included with the height gauge.
Custom setup

You can customize the scale to best suit your needs. Configurations that can be selected include the automatic shut-off time, weighing units, weight resolution, and more.

Enter custom setup mode

1. Make sure the scale is powered down.
2. Press and hold ST while pressing ON.
3. Once the scale powers up, press and release ST five times.

   The scale displays SEt-UP and produces a series of four long beeps.
Set the options

Enter the custom setup as described.

1. Press ST to scroll through the custom setup options.

   **Note** Options indicated with an asterisk (*) have multiple selections.

2. Press RE CALL once a value is displayed to change the value. When the desired value appears, press ST to set the new value.

3. You can exit the menu at any time by pressing ON to power down the scale. The scale saves all changes.

The options displayed with each press are as follows:

<table>
<thead>
<tr>
<th>Option displayed</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOFt</td>
<td>This option displays the software version of your scale.</td>
</tr>
<tr>
<td>dAtE</td>
<td>This option displays the release date of the software. The format is MM/DD/YY.</td>
</tr>
<tr>
<td>SCALE</td>
<td>This option displays the model number of the scale.</td>
</tr>
<tr>
<td>AutOFF*</td>
<td>This displays the number of seconds before the scale turns off when operating on battery power. The <strong>Cont</strong> value prevents the scale from turning off automatically.</td>
</tr>
<tr>
<td>AC con*</td>
<td>This option causes the scale to remain on when plugged in to AC power. Press <strong>RE CALL</strong> to turn this option <strong>ON</strong> or <strong>OFF</strong>.</td>
</tr>
<tr>
<td>rES*</td>
<td>This option allows you to change the resolution of weight. Press <strong>RE CALL</strong> to switch between the following options: 0.1 pounds / 0.05 kilograms 0.1 pounds / 0.1 kilograms 0.2 pounds / 0.1 kilograms 0.5 pounds / 0.2 kilograms 1 pound / 0.5 kilograms</td>
</tr>
<tr>
<td>UnitS*</td>
<td>This option allows you to change the displayed weight unit. <strong>Note</strong> Do not change the scale units if you have purchased the kilogram-only option. Press <strong>RE CALL</strong> to switch between the following options: KILOS* This option allows the weight to display in kilograms. POUNDS* This option allows the weight to display in pounds.</td>
</tr>
<tr>
<td>bEEPER*</td>
<td>This option determines the audible signal that occurs when a front panel button is pressed. Press <strong>RE CALL</strong> to switch between <strong>ON</strong> and <strong>OFF</strong>.</td>
</tr>
<tr>
<td>rECALL*</td>
<td>Press <strong>RE CALL</strong> to change the <strong>RE CALL</strong> button functionality between <strong>ON</strong> and <strong>OFF</strong>.</td>
</tr>
<tr>
<td>rS-232</td>
<td>Detailed instructions for this feature are available from Welch Allyn. Go to <a href="http://www.welchallyn.com/en/other/contact-us.html">http://www.welchallyn.com/en/other/contact-us.html</a> to find your local representative.</td>
</tr>
<tr>
<td>OutPut*</td>
<td>This option displays the current data port output option. Detailed instructions for this feature are available from Welch Allyn. Go to <a href="http://www.welchallyn.com/en/other/contact-us.html">http://www.welchallyn.com/en/other/contact-us.html</a> to find your local representative.</td>
</tr>
</tbody>
</table>

Directions for use Assembly and setup
Set the value to **OFF** to disable the optional internal printer or the RS-232 port.

**PrtUnt**

This option determines whether pounds or kilograms are displayed on a printout.

Press **RE CALL** to switch between the following options:

If the pounds and kilograms indicators are illuminated on the control panel, the printed output is determined by whichever unit is selected on the control panel.

If the kilogram indicator is illuminated, it will only print in kilograms, regardless of the unit is selected on the control panel.

If the pounds indicator is illuminated, it will only print in pounds, regardless of the unit is selected on the control panel.

**PrtOPT**

Press **RE CALL** to switch between the following options:

- **PnlPrt**: The current weight is printed when **PRINT** is pressed on the control panel.
- **AutPrt**: The current weight is automatically printed when a weight reading occurs.

**bAud**

This option allows you to set the baud rate.

Press **RE CALL** to switch between **1200**, **2400**, **4800**, **9600**, and **19200**.

**pArity**

Press **RE CALL** to switch between the following options:

- **Off**: No parity, 8 data bits
- **Odd**: Odd parity, 7 data bits
- **EuEn**: Even parity, 7 data bits

**StPbit**

Press **RE CALL** to switch between the following options:

- **1 bit**: One stop at the end of a word
- **2 bits**: Two stops at the end of a word

**rtS.ctS**

Press **RE CALL** to switch between **ON** for the printer and **OFF** for RS232 transmissions.

**Prtbtn**

Press **RE CALL** to turn **On** or **Off** the front panel **PRINT** button.

**rtEPrt**

Press **RE CALL** to turn **On** or **Off** the enabling of printing from a remote location by connecting the receive line to the ground.

**PC brd**

This option displays the model number of the printed circuit board. A second press of **ST** displays the revision of the printed circuit board.

**SEt-UP**

This option is displayed when you have cycled through all the options. Press and hold **ON** to power down the scale.
Scale operation

Power options

The scale can be used with battery power or with AC power.

Battery power

⚠️ **CAUTION** Use only size D disposable alkaline batteries. The use of any other battery will void the warranty.

Press **ON** to turn on the scale.

The scale automatically turns off after 45 seconds of non-use when operating on battery power.

The **LO BATT** indicator illuminates when the battery power is low.

**bAttrY** displays when the batteries are unable to properly power the scale.

Replace the batteries when either of these messages are displayed.

AC power

When plugged in, the scale continuously runs on AC power automatically.

The scale switches to battery power when AC power is not present.

Audible beeps

The following beeps occur when using the scale.

<table>
<thead>
<tr>
<th>Sound</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>One beep</td>
<td>Acknowledgment of a button press.</td>
</tr>
<tr>
<td>Two beeps</td>
<td>The scale is zeroed and ready to take a measurement.</td>
</tr>
<tr>
<td>Three beeps</td>
<td>The weight reading is obtained and displayed.</td>
</tr>
<tr>
<td>No print, four short beeps</td>
<td>A print was requested, but valid weight is not displayed on the scale, or <strong>PRINT</strong> was pressed while the printer is in use.</td>
</tr>
<tr>
<td>No print, four long beeps</td>
<td>There is a problem with the printer. Contact your service department.</td>
</tr>
</tbody>
</table>
Weighing procedure

1. Press **ON** to turn on the scale.
   
   The scale sounds one beep.

2. Wait for the scale to display **0.0**.
   
   The scale sounds two beeps.

3. Place the patient on the scale and make sure that his or her weight is evenly distributed.
   
   The scale sounds three beeps and the patient’s weight is displayed.

4. If necessary, press **REWEIGH** to perform another weight measurement.

5. If necessary, press **RECALL** to display the previously stored scale measurement.

   **Note**   
   A measurement is stored in the scale until a new weight is taken and zeroes out.

A stationary display of -- indicates a negative weight. Make sure that there is nothing on the scale and press **ZERO** to set the zero.

If O-LOAd is displayed, the capacity of the scale has been exceeded.

Wheelchair weighing procedure (models 6002, 6702, 6702SP, 6702W)

1. Make sure that the scale ramps are down.

2. Press **ON** to turn on the scale.

   The scale sounds one beep.

3. Wait for the scale to display **0.0**.

   The scale sounds two beeps.

4. Place the empty wheelchair on the scale and make sure the weight is evenly distributed.

   The scale sounds three beeps and the empty wheelchair weight is displayed. Write down and save this measurement.

5. Place the patient in the wheelchair and place both on the scale. Make sure the weight is evenly distributed.

   The scale sounds three beeps and the patient’s weight is displayed.

6. Subtract the measurement obtained in Step 4 from the measurement in Step 5 to get the patient’s weight.

7. If necessary, press **REWEIGH** to perform another weight measurement.

8. If necessary, press **RECALL** to display the previously stored scale measurement.

   **Note**   
   A measurement is stored in the scale until a new weight is taken and zeroes out.
A stationary display of - - indicates a negative weight. Make sure that there is nothing on the scale and press ZERO to set the zero.

If O-LOAd displays, the capacity of the scale has been exceeded.

If OFF SCALE PLEASE – displays, remove the patient from the scale. Wait for the scale to display 0.0 and retry the measurement.

**Print a weight measurement**

Printers are a purchasable option for some scales. The printer will only print a valid weight. If your printer is set up with the auto-print option, a print is automatically generated after a measurement is taken.

1. Take a weight measurement as described.
   A single beep sounds.

2. Press PRINT (DATA) SEND.
   A single beep sounds and the measurement is printed.

3. To print a previously stored scale measurement, press RECALL and then press PRINT (DATA) SEND.

The following errors can occur:

- Four short beeps indicate an invalid print request. Make sure that the weight is properly displayed on the scale, or that a measurement is not already in the printing process.

- Four long beeps indicate an internal problem with the printer. See the Troubleshooting section.
Storage, cleaning, and maintenance

Storage

The scale should be stored in a convenient storage facility or closet. Make sure to not leave the scale in an area where someone could trip on it or run into it.

Cleaning

Use one of the following products when cleaning your scale:
• 70 percent isopropyl alcohol
• PDI Sani-Cloths®

Battery replacement

⚠️ **CAUTION** Use only size D disposable alkaline batteries. The use of any other battery will void the warranty.

1. Using a screwdriver, remove the two fasteners on the access door and remove the door.
2. Install six new batteries in the battery holder. Make sure to follow the polarity instructions.
3. Re-attach the access door.
Change the printer paper

The printer is a purchasable option.

1. Use a screwdriver to loosen the screw on the battery access door and remove the printer access door.

2. Remove the spindle containing the empty printer paper roll from the printer paper well.

3. Replace the printer paper roll in the spindle. Make sure the new printer paper is advancing from the bottom of the roll.

4. Lift the green knob to lift the print head lever.

5. Insert the paper through the paper guide slot, and make sure it goes under and around the black roller bar.

6. Pull the paper under the print head lever and push the green knob down to push the print head lever down.

7. Press **PAPER ADVANCE** to move the paper through the printer.
8. Install the printer access door, and advance the new paper through the slot on the
door.
9. Install the screw on the printer access door.

Maintenance

Routinely perform the following preventive maintenance to keep your scale in working
order.

1. Check the calibration annually or as required.
2. Inspect the scale for cracks or loose mounting hardware. Replace or repair as
   necessary.
3. Visually inspect the scale enclosure for damage or loose or missing hardware.
   Replace or repair as necessary.
4. If equipped, inspect the AC line cord for abrasions or other signs of wear.
5. Do not expose the scale to excessive water or moisture.
6. Do not store the scale where heavy objects can be placed on it.
7. Replace the batteries annually or as required.
8. Do not service or perform maintenance while the scale is in use with a patient.

Troubleshooting

This section presents tables of information to help you troubleshoot issues with the
scale.

To use these tables, locate the specific problem with your scale in the left column of the
table. The remainder of the row explains possible causes and suggests actions that can
resolve the issue.

<table>
<thead>
<tr>
<th>Issue</th>
<th>Possible cause</th>
<th>Suggested action</th>
</tr>
</thead>
<tbody>
<tr>
<td>The weight reading is not</td>
<td>There may be a mechanical obstruction on the</td>
<td>Make sure the platform is not touching a foreign object or something restricting its</td>
</tr>
<tr>
<td>accurate</td>
<td>platform</td>
<td>downward motion.</td>
</tr>
<tr>
<td></td>
<td>The cable between the platform and the</td>
<td>Connect the cable.</td>
</tr>
<tr>
<td></td>
<td>instrument circuit board may not be connected</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The cable on the mast may not be connected</td>
<td>Connect the cable.</td>
</tr>
<tr>
<td>The weight reading takes too</td>
<td>The platform may be in motion</td>
<td>Wait for the platform to settle.</td>
</tr>
<tr>
<td>long to display</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The scale displays CAble</td>
<td>There may be a cable failure</td>
<td>Contact your service department.</td>
</tr>
<tr>
<td>The scale displays O-LOAD</td>
<td>The object on the scale may be larger than the maximum</td>
<td>If the weight value is within the specified range, contact your service</td>
</tr>
<tr>
<td></td>
<td>value allowed</td>
<td>department.</td>
</tr>
<tr>
<td>The reading does not change</td>
<td>The load cell transducer, connector, or cable may</td>
<td>Contact your service department.</td>
</tr>
<tr>
<td>when weight is applied to the</td>
<td>be defective</td>
<td></td>
</tr>
<tr>
<td>Issue</td>
<td>Possible cause</td>
<td>Suggested action</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>The scale buttons are not responding</td>
<td>The buttons may be damaged</td>
<td>Check for visible signs of damage.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contact your service department.</td>
</tr>
<tr>
<td>The error message <strong>E-FAIL</strong> is displayed</td>
<td>The scale’s memory has failed</td>
<td>Contact your service department.</td>
</tr>
<tr>
<td>The error message <strong>r-FAIL</strong> is displayed</td>
<td>The scale’s memory has failed</td>
<td>Contact your service department.</td>
</tr>
<tr>
<td>The printer failed to print, and there were four short beeps</td>
<td>A valid weight may not be present</td>
<td>Make sure the patient’s weight is</td>
</tr>
<tr>
<td></td>
<td></td>
<td>indicated on scale before you press</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PRINT</strong></td>
</tr>
<tr>
<td>The printer failed to print, and there were four long beeps</td>
<td>There may be a problem with the printer</td>
<td>Contact your service department.</td>
</tr>
<tr>
<td>The printer runs but the result is blank or is faint</td>
<td>There may be a problem with the printer paper</td>
<td>Make sure you are using thermal paper</td>
</tr>
<tr>
<td></td>
<td></td>
<td>in the printer.</td>
</tr>
<tr>
<td>The print is distorted</td>
<td>There may be a problem with the printer head</td>
<td>Contact your service department.</td>
</tr>
<tr>
<td></td>
<td>or the printer interface door</td>
<td></td>
</tr>
<tr>
<td>The low battery light flashes during printing</td>
<td>The battery may be low</td>
<td>Replace the battery.</td>
</tr>
<tr>
<td>The printed paper tears poorly or unevenly</td>
<td>The tear bar may be damaged</td>
<td>Check for signs of damage such as</td>
</tr>
<tr>
<td></td>
<td></td>
<td>missing teeth or cracks. If damaged,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>contact your service department.</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scales</td>
<td>5002, 5122, 5702, 6002, 6702, 6702SP, 6702W</td>
</tr>
<tr>
<td>Resolution (factory default)</td>
<td>0.1 lb / 100 gm</td>
</tr>
</tbody>
</table>
| Weighing capacity | Models 5002 and 6002: 880 lb (400 kg)  
                     Models 5702, 6702, 6702SP, 6702W: 1000 lb (454 kg)  
                     Model 5122: 660 lb (300 kg) |
| Readout            | Large, bright light-emitting diode display.  
                     Selectable weight displayed in pounds or kilograms.  
                     Indicator light to show selected units. |
| Power source       | Battery       |
|                    | • 6 D alkaline batteries |
|                    | Power adapter |
|                    | • Medical grade UL listed external power supply  
                     • Nominal input voltage: 100-240V AC ±10%  
                     • Nominal input frequency: 50/60 Hz  
                     • Nominal input current: 0.3-0.15Arms @ max load  
                     • Nominal output voltage: $U_{\text{out}}$: 12V DC +5% / -5%  
                     • Nominal output current: $I_{\text{out}}$: 1000mA |
| Platform dimensions | 5002: 18 in. x 19.5 in. x 1.5 in.  
                         5702: 24 in. x 26 in. x 2 in.  
                         6002: 24 in. x 26 in. x 2 in.  
                         5122: 16 in. x 14 in. x 1.5 in.  
                         6702: 28.25 in. x 29.25 in. x 3.25 in.  
                         6702W: 28.25 in. x 31.75 in. x 3.25 in.  
                         6702SP: 35 in. x 29.75 in. x 3.25 in. |
Product configurations

The Welch Allyn Masted Scales are available in the following configurations:

### Model 5002, Mobile Stand-On Scale

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5002-KP</td>
<td>Mobile Stand-On Scale, kilogram only, printer</td>
</tr>
<tr>
<td>5002-KX</td>
<td>Mobile Stand-On Scale, kilogram only, data port</td>
</tr>
<tr>
<td>5002-XP</td>
<td>Mobile Stand-On Scale, lb/kg, printer</td>
</tr>
<tr>
<td>5002-XX</td>
<td>Mobile Stand-On Scale, lb/kg, data port</td>
</tr>
</tbody>
</table>

### Model 5122, Low-Profile Stand-On Scale

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5122-K</td>
<td>Low-Profile Stand-On Scale, kilogram only</td>
</tr>
<tr>
<td>5122-X</td>
<td>Low-Profile Stand-On Scale, lb/kg</td>
</tr>
</tbody>
</table>

### Model 5702, Mobile Bariatric Stand-On Scale

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5702-KP</td>
<td>Mobile Bariatric Stand-On Scale, kilogram only, printer</td>
</tr>
<tr>
<td>5702-KX</td>
<td>Mobile Bariatric Stand-On Scale, kilogram only, data port</td>
</tr>
<tr>
<td>5702-XP</td>
<td>Mobile Bariatric Stand-On Scale, lb/kg, printer</td>
</tr>
<tr>
<td>5702-XX</td>
<td>Mobile Bariatric Stand-On Scale, lb/kg, data port</td>
</tr>
</tbody>
</table>

### Model 6002, Wheelchair Scale

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6002-KP</td>
<td>Wheelchair Scale, kilogram only, printer</td>
</tr>
<tr>
<td>6002-KX</td>
<td>Wheelchair Scale, kilogram only, data port</td>
</tr>
<tr>
<td>6002-XP</td>
<td>Wheelchair Scale, lb/kg, printer</td>
</tr>
<tr>
<td>6002-XX</td>
<td>Wheelchair Scale, lb/kg, data port</td>
</tr>
</tbody>
</table>

### Model 6702, Oversized Wheelchair Scale (28.25 in. x 29.25 in. x 3.25 in.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6702-KP</td>
<td>Oversized Wheelchair Scale, kilogram only, printer</td>
</tr>
<tr>
<td>Model</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>6702-KX</td>
<td>Oversized Wheelchair Scale, kilogram only, data port</td>
</tr>
<tr>
<td>6702-XP</td>
<td>Oversized Wheelchair Scale, lb/kg, printer</td>
</tr>
<tr>
<td>6702-XX</td>
<td>Oversized Wheelchair Scale, lb/kg, data port</td>
</tr>
</tbody>
</table>

**Model 6702SP, Oversized Wheelchair Scale (35 in. x 29.75 in. x 3.25 in.)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6702SP-KP</td>
<td>Oversized Wheelchair Scale, kilogram only, printer</td>
</tr>
<tr>
<td>6702SP-KX</td>
<td>Oversized Wheelchair Scale, kilogram only, data port</td>
</tr>
<tr>
<td>6702SP-XP</td>
<td>Oversized Wheelchair Scale, lb/kg, printer</td>
</tr>
<tr>
<td>6702SP-XX</td>
<td>Oversized Wheelchair Scale, lb/kg, data port</td>
</tr>
</tbody>
</table>

**Model 6702W, Oversized Wheelchair Scale (28.25 in. x 31.75 in. x 3.25 in.)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6702W-KP</td>
<td>Oversized Wheelchair Scale, kilogram only, printer</td>
</tr>
<tr>
<td>6702W-KX</td>
<td>Oversized Wheelchair Scale, kilogram only, data port</td>
</tr>
<tr>
<td>6702W-XP</td>
<td>Oversized Wheelchair Scale, lb/kg, printer</td>
</tr>
<tr>
<td>6702W-XX</td>
<td>Oversized Wheelchair Scale, lb/kg, data port</td>
</tr>
</tbody>
</table>
### Approved accessories

**Model 5002**

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>845010</td>
<td>Height gauge (in and cm)</td>
</tr>
<tr>
<td>845010M</td>
<td>Height gauge (metric only)</td>
</tr>
<tr>
<td>845010W</td>
<td>Wall-mounted height gauge (in and cm)</td>
</tr>
<tr>
<td>23709</td>
<td>Thermal printer paper (box, 15 rolls)</td>
</tr>
<tr>
<td>845233-KIT</td>
<td>12-volt power supply with US AC line cord kit</td>
</tr>
</tbody>
</table>

**Model 5122**

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>845010W</td>
<td>Wall-mounted height gauge (in and cm)</td>
</tr>
<tr>
<td>341001</td>
<td>Power adapter</td>
</tr>
</tbody>
</table>

**Model 5702**

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>845010B</td>
<td>Height gauge for 5702 (in and cm)</td>
</tr>
<tr>
<td>845010W</td>
<td>Wall-mounted height gauge (in and cm)</td>
</tr>
<tr>
<td>23709</td>
<td>Thermal printer paper (box, 15 rolls)</td>
</tr>
<tr>
<td>845233-KIT</td>
<td>12-volt power supply with US AC line cord kit</td>
</tr>
</tbody>
</table>

**Model 6002**

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60224</td>
<td>Handrail</td>
</tr>
<tr>
<td>845010</td>
<td>Height gauge (in and cm)</td>
</tr>
<tr>
<td>845010M</td>
<td>Height gauge (metric only)</td>
</tr>
<tr>
<td>845010W</td>
<td>Wall-mounted height gauge (in and cm)</td>
</tr>
<tr>
<td>23709</td>
<td>Thermal printer paper (box, 15 rolls)</td>
</tr>
<tr>
<td>845233-KIT</td>
<td>12-volt power supply with US AC line cord kit</td>
</tr>
</tbody>
</table>
Models 6702, 6702W, and 6702SP

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60224</td>
<td>Handrail</td>
</tr>
<tr>
<td>845010</td>
<td>Height gauge (in and cm)</td>
</tr>
<tr>
<td>845010W</td>
<td>Wall-mounted height gauge (in and cm)</td>
</tr>
<tr>
<td>23709</td>
<td>Thermal printer paper (box, 15 rolls)</td>
</tr>
<tr>
<td>845233-KIT</td>
<td>12-volt power supply with US AC line cord kit</td>
</tr>
</tbody>
</table>

Warranty

Welch Allyn will warranty the weight scale to be free of defects in material and workmanship and to perform in accordance with manufacturer specifications for the period of one year from the date of retail purchase.

The warranty period shall start on the date of purchase. The date of purchase is: 1) the invoiced ship date if the device was purchased directly from Welch Allyn, 2) the date specified during product registration, 3) the date of purchase of the product from a Welch Allyn authorized distributor as documented from a receipt from said distributor.

This warranty does NOT cover damages caused by misuse or abuse, including but not limited to:

- Failure caused by unauthorized repairs or modifications
- Damage caused by shock or dropping during transportation
- Damage caused by improper use of the power supply
- Failure caused by improper operation not consistent with the instructions stated in this Directions for use

Should this device require maintenance (or replacement at our option) under warranty, contact your local Welch Allyn representative: [http://www.welchallyn.com/en/other/contact-us.html](http://www.welchallyn.com/en/other/contact-us.html)