



Industrial Weighing Systems

9 Richmond St. Picton, ON Canada K0K 2T0

Ph: 613-786-0016 Cell: 613-921-0397 Fax: 613-476-5293

E-mail info@iwsystems.ca Website: www.iwsystems.ca

SMART Scale



SMART scale features a fully integrated calculator that does price computing, counting & more!
 This new pocket scale has a lot of great features including .
 To use the price calculating feature simply set the price using the numeric keypad.
 With the price set just weigh your items, the SMART scale will automatically calculate the price for you.
 Use this feature to calculate prices for gold, jewelry pieces and more!

This digital pocket scale has a durable stainless steel weighing platform to make cleanup a breeze.

Power	2 AAA Batteries (included)
Display	Reverse Lit LCD
Tare Feature	Yes
Calibration Feature	Yes
Protective Cover	Hinged
Count Feature	No
Platform Size	2.7" x 2.5"
Scale Size	5.15" x 3.15" x 0.7"
Weighing Modes	6

Smart Scale Weighing Modes:

Mode:	Capacity:	Resolution:
Grams	600.0 g	0.1 g
Ounces	21.17 oz	0.01 oz
Carats	3000.0 ct	0.5 ct
Grains	9260 gn	2 gn
Troy Ounces	19.29 ozt	0.01 ozt
Pennyweights	385.8 dwt	0.1 dwt



Features :

- | | |
|---|---------------------------------|
| 24 hours digital clock | Auto Power Off |
| Digital Thermometer | Overload indicator |
| Build-in 8-digit calculator | Low battery indicator |
| Transparent cover with metal lock | Capacity/Resolution : 600g/0.1g |
| Unit conversion : g, oz, ozt, dwt, ct, gn | Uses 2 AAA batteries |

Notes before use:

1. Always empty the tray/platform before turning the power on (clear the platform before switching to weighing mode).
2. Do not get the scale wet or hot and do not operate on any wet or hot surface. To clean the scale, wipe the surface with a clean damp cloth or mild non-abrasive cleaner. Do not use an abrasive cleaner because it may damage the finish.
3. Do not overload the scale. That is, do not place anything that weighs more than 600 Grams on the platform. You may permanently damage the load cell.
4. Handle the scale with care. This is a precision instrument and should never be dropped or otherwise mishandled. Dropping or shocking the scale will damage the internal sensors and void your warranty.
5. Do not leave anything on the scale when not in use.
6. If the scale is excessively cold or hot, leave the scale off and allow it to acclimate to normal room temperature for at least 1 hour prior to use.
7. **Do not operate a cell phone or cordless phone within 10 feet of the scale******
It may temporarily cause the scale to malfunction
8. When changing batteries be sure the scale's cover is closed to protect from possible overload.

Digital Clock function:

1. Once the battery is installed, it will start the weighing mode. Press the [MODE/ON] button twice to switch to clock mode. It will show the time and temperature on the same screen. The digital clock always turns on as a background function.
2. To set the clock, press the [TARE/SET] button. Use the numeric keyboard to update the numbers for hour, minute and second.
3. When it is in clock mode, use the [UNIT/MUTE] button to turn ON/OFF the key sound.

Digital Scale function:

1. Do not put anything on the scale tray before you switch to weighing mode.
2. When it is in clock mode, press the [MODE/ON] button once. The screen will show "88888888". After 2 seconds, the display will read "0.0 g".
3. Always allow the scale to warm up for at least 30 seconds before weighing for accuracy & stability.
4. Place the item to be weighed on the center of the silver platform and read the value on the display. It will show "FULL" when overloaded.
5. TARE Function: If you need to weigh loose items or anything in a container or tray you should:
 - 1) Switch to weighing mode.
 - 2) Place the empty container or tray on the platform.
 - 3) Press the [TARE/SET] button.
 - 4) Place the items to be weighed into the container / tray.
 - 5) The exact weight of the items will show.
6. The scale has an Auto-Off feature that quits the weighing mode and goes back to clock mode after lapses of non-activity.
7. Unit conversion: This scale has the ability to weigh in g, oz, ozt, dwt, ct or gn. Simply press the [UNIT] key once the scale is in weighing mode to choose the unit needed for weighing.



BATTERY INSTRUCTIONS :

NOTE: THE SCALE'S COVER MUST BE CLOSED BEFORE REPLACING BATTERIES. If the battery voltage is too low during power on, it will display "Lo". Replace the batteries as soon as possible. Use 2 AAA batteries. Please make sure the polarity is correct when installing new batteries. Slide the battery cover to access batteries.

Price Calculation:

1. When it is in weighing mode, the unit price used previously will show at the lower left corner. Use the numeric keyboard to update the unit price and press the [Price] button to confirm.
e.g. unit price = \$1.23/g, enter [1] [.] [2] [3] [Price] (1.23 will show at the lower left corner)
2. Put the object to be weighed on the platform and the total price will be calculated automatically and displayed at the lower right corner.
e.g. weight = 35.6g
total price = unit price X weight
= 1.23 X 35.6
= 43.79
3. If the weight is changed, the total price figure will also be updated instantly.

Use as a simple 8-digit calculator:

When it is in weighing mode, press the [MODE/ON] button once, the screen will show "0". The scale can perform four arithmetic calculations i.e. +, -, X, / :
e.g. To calculate "(3+8)X5=55",
enter [3] [+] [8] [X] [5] [HOLD/=]
then "55" will be displayed as the result.

If you enter the wrong number, you may press the back space button [Price/ .] and re-enter again.

Simple Calibration:

THIS SCALE IS ACCURATE WITHIN 0.1g, only calibrate if your readings are inaccurate beyond 0.1g. Always allow your scale to warm up for 30 seconds before calibration. ALWAYS MOVE YOUR HANDS VERY GENTLY DURING CALIBRATION AS TO NOT CAUSE VIBRATIONS OR AIR MOVEMENT.

1. Clear the platform
(Make sure nothing is on the platform not even the plastic tray.)
2. Place the scale on a flat stable surface that has NO vibrations and make sure there is absolutely NO air movement. (Surface must be extremely stable)
3. Switch to Weighing Mode by pressing the [MODE/ON] key
(Remember: make sure the silver platform is empty).
4. When the display shows 0.0, Press and hold the [MODE/ON] key for 5 seconds. It will show "600...CAL" which indicates that the calibration weight is 600g. If a different calibration weight is being used (e.g. 200g), use the numeric keyboard to enter the calibration weight (e.g. [2] [0] to represent 200g).
5. Place the calibration weight on the center of the tray. Wait until the "CAL" wording disappears. (This will take about 5 seconds)
6. Calibration is complete, remove the weight from the tray.
IF THE READINGS ARE INACCURATE, PERFORM CALIBRATION AGAIN.