Easy Weigh™ PX-Series Checkweighing Bench Scale

ATRON SYSTEMS INC.

Models & Capacities

Model	Capacity
PX-6+	6 x 0.001 lb
PX-6	6 x 0.002 lb
PX-12+	12 x 0.002 lb
PX-15	15 x 0.005 lb
PX-30+	30 x 0.005 lb
PX-30	30 x 0.01 lb
PX-60+	60 x 0.01 lb
PX-60	60 x 0.02 lb

Operating the Scale

Make sure the platter is sitting properly on top of the platform and that there is nothing on top of the platter. Also, make sure that the scale is plugged into the proper outlet. Hold Power Switch until the scale display begins to show the self test and then release the key. This is the Initial State and displays appear like this:

The number of zeroes and decimal places may vary depending on model and capacity.

Simple Weighing:

1. Place an item on the platter
2. The Stable Lamp will indicate a stable weight
3. Remove the item from the platter

Weighing Using Tares:

1. Place the empty container on the platter
2. Press (TARE) and then place an item on the platter
3. The Stable Lamp will indicate a stable weight
4. Remove the item from the platter

Once you press (TARE), you will notice that the NET Lamp will come on indicating to you that the weight shown is a net weight. For example, this is what the display would look like after you press (TARE):

However, after Step 4 the display may look like this:

In this example, the platter is empty and the tare was set using an empty container that weighs 2.50 pounds.

Clearing Tares:

1. Make sure that there is nothing on the platter
2. Press (TARE) and the display will show:

You are back to the Initial State.

Installation & Assembly

Platter Assembly: Place the ABS plastic platform on the scale. Then place the stainless steel platter on top.

Initial Setup: Plug the AC adapter or AC Power Cord into the scale & then into an AC outlet. The cord plugs underneath the right side of the scale next to the power switch.

Power Switch: The power switch must be held down for more than one second for the scale to turn ON.

Using the Unit Key:

1. Press (UNIT) and the weighing units will change
2. Repeat Step 1 until you reach the units you desire*

You can use the (UNIT) key in combination with/without tares or with/without any weight on the platter. The scale offers the following units: Pounds (lb), Ounces (oz), Kilograms, (kg), Grams (g), Counting (Pcs), Percentage (%), and Pound-Ounce (lb oz). ***Note** however that Counting, Percentage, and Pound-Ounce are **not** to be used in Legal for Trade applications.

Counting and Percentage Weighing:

1. Follow Unit key instructions to get to **Pcs** or **%** units
2. Press and hold down (UNIT) until the display shows:

3. Release the (UNIT) key. You can select to sample with 10, 20, 50, 100, or 500 pieces* by using the (UNIT) key.
4. Place the indicated number of piece on the platter and then press (TARE). The scale will show Pcs or % values.

*Note that when using Percentage, the scale will sample with 10, 20, 50, 100, or 500 %.
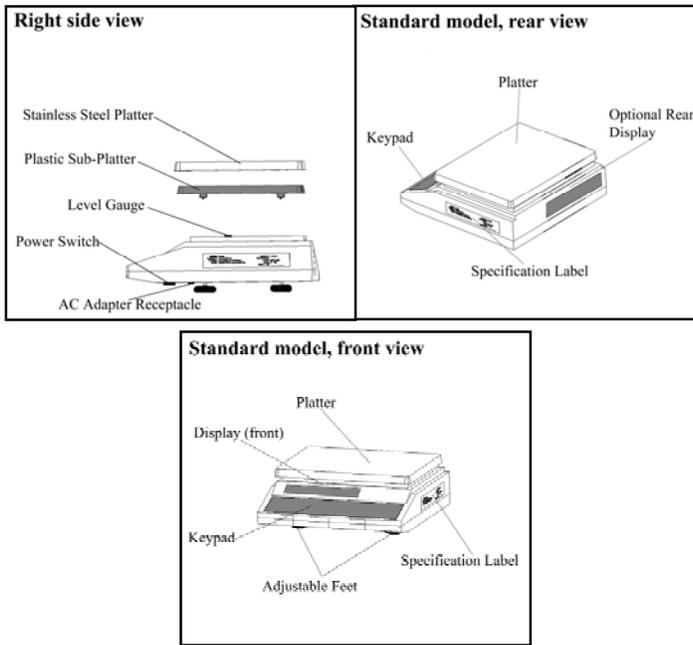
Using the Mode Key:

1. Press (MODE) and the weighing units will change
2. Repeat Step 1 until you reach the mode you desire*

You can use the (MODE) key in combination with/without tares or with/without any weight on the platter. The scale offers the following modes: Weighing1, Weighing2, Limit, and Hold. ***Note** however that Weighing2 and Hold modes are **not** to be used in Legal for Trade applications.

Charging the Battery

The ▇▇ Lamp is located on the top left side of the display. When it turns ON you need to recharge the battery. The scale can be ON or OFF when recharging so long as it is plugged into an AC outlet. The Recharge LED is located above the (G/N/T) key and shows various states which are explained on the other side of this guide. An overnight charge of 12 hours, will yield approximately a 90% charge or about 90 hours of continuous use (no-backlight.)

Easy Weigh™ BX-Series Checkweighing Bench Scale

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Nomenclature

Right side view
- Stainless Steel Platter
- Plastic Sub-Platter
- Level Gauge
- Power Switch
- AC Adapter Receptacle

Standard model, rear view
- Platter
- Keypad
- Optional Rear Display
- Specification Label

Standard model, front view
- Platter
- Display (front)
- Keypad
- Specification Label
- Adjustable Feet

Recharge LED

LED's color indicates the 4 Charging States.

- **Green:** Fully charged, 100% Charge.
- **Yellow:** Recharging, 90% ~ 99%. Quick Charge.
- **Red:** Recharging, 0% ~ 89%. Keep Charging.
- **Off:** Scale running on battery only. No Charge.

Keypad

G/N/T	Gross/Net/Tare key, toggles the display between Gross, Net, or Tare weights.
UNIT	Unit key, used to toggle between the different weighing units.*
MODE	Mode key, used to toggle between the different weighing modes.*
TARE	Tare key, used to enter and clear tares.
ZERO	Zero key, used to set the zero point.
✳	Print key, for scales with serial ports only; connects to serial printers.

Displays

▣ Indicates that there are 10 hours of battery power left.
NET Indicates that the displayed weight is a net weight.
STABLE Indicates that the weight is stable.
ZERO Indicates that the scale is at zero (gross or net zero.)
GROSS Indicates that the displayed weight is a gross weight.
TARE Indicates that the displayed weight is the tare weight.
HOLD Indicates that the scale is in Hold mode.

HI Indicates that weight is above High Limit.

OK Indicates that weight is within Limits.

LO Indicates that weight is below Low Limit.

Specifications

Models:	PX-6	PX-12 / PX-15	PX-30	PX-60
Capacities:	6 x 0.001 lb	15 x 0.005 lb	30 x 0.01 lb	60 x 0.02 lb
	6 x 0.002 lb	12 x 0.002 lb	30 x 0.005 lb	60 x 0.01 lb
Resolution:	1/6,000 and 1/3,000 Models; NTEP Approved CC# 06-036			
LCD Display	Weight: 6 Digits, 999.999 max			
Platter Size:	Width: 300 mm / 11.8"		Length: 225 mm / 8.9"	
Maximum Tare:	Full Capacity			
Product Dimensions	**Width: 320 mm / 12.6"**			
	Length: 340 mm / 13.4"			
	Height: 125 mm / 4.5"			
Power:	AC Adapter: 120V AC, 60 Hz to 9V DC, 800mA, Positive Tip			
	AC Cord: 120V AC, 60 Hz, Approximately 10 Watts			
Operating Temp:	-10° C ~ 40° C / 14° F ~ 104° F			
Charge Life:	100 hours without backlight		48 hours with backlight	
Battery Recharge:	12 hour Quick Charge gives 90 hours of use w/o backlight			

Backlight Settings

1. Hold down **MODE** & release when display shows:

   t dAtE

2. Press **MODE** **MODE** **TARE**.
3. Use **MODE** to select *on*, *oFF*, or *AUto*.
4. Press the **TARE** **TARE** **TARE** **TARE** **TARE** **TARE**.

Auto Shutoff

1. Turn scale ON and press **✳** while displays are counting down.
2. Press **UNIT** to select *0*, *1*, *5*, or *30* minutes.
3. Press the **TARE** key to save the setting.

Error Messages

Code	Problem	Solutions
Err 4	The Initial Zero **or** the Zero key is attempting to zero a load that is greater than 4% of max capacity.	Remove all weight from platter & turn ON; try to Zero less weight; **or** scale needs calibration / service.
Err 5	Keyboard error.	The keypad has a short and it must be replaced.
Err 6	Load Cell error.	Check that there is nothing on or obstructing the Platter; remove all items from scale.

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