

Models & Capacities

BK-120+	120 x 0.02 lb
BK-150	150 x 0.05 lb
BK-300+	300 x 0.05 lb
BK-300	300 x 0.1 lb
BK-600+	600 x 0.1 lb
BK-600	600 x 0.2 lb

Installation & Assembly

Pole & Display: Assembly of the pole display is required. Please follow the Assembly Instructions on Side B:

1. Insert load cell cable through pole and insert pole into the bottom bracket. Tighten all screws.
2. Attach the top bracket to the Display Head and feed the load cell cable through the top bracket and connect it to the back of the Display Head.
3. Tighten all screws and adjust the Display Head.
4. Remove the Lock Bolt from underneath the platform.

Initial Setup: Plug the AC adapter into the scale and then into an AC outlet. The adapter plugs to the rear of the display head assembly.

On/Off Key: The On/Off Key must be held down for more than one second in order to turn the scale ON.

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 down the ON key until the scale displays run through a self test, count down to zero, and then beep. This is the Initial State and displays appear like this:



Weighing:

1. Enter a unit price using the numeric keys
2. Place an item on the platter
3. Remove the item from the platter

Steps 1 & 2 can be interchanged. After step 2 you will notice that the Total Price display will show the calculated Total Price.

For example:



After step 3 you will notice that the displays will return to their initial state of "0.00"

Weighing Using Known Tares:

1. Enter a tare weight using the numeric keys
2. Press TARE
3. Enter a unit price using the numeric keys
4. Place an item on the platter
5. Remove the item from the platter

Steps 3 and 4 can be interchanged. Once you press the TARE key you will notice that the NET light will come on indicating to you that the weight shown is a net weight.

For example:



After you place an item on the scale and enter a price the displays may look like this:



After step 5 you will notice that the displays will return to their initial state of "0.00"

Weighing Using Unknown Tares:

1. Place the empty container on the platter
2. Press TARE
3. Enter a unit price using the numeric keys
4. Place an item on the platter
5. Remove the item from the platter

Steps 3 and 4 can be interchanged. Once you press the TARE key you will notice that the NET light will come on indicating to you that the weight shown is a net weight.

Weighing Using the Speed Keys:

1. Press the Speed key on the keyboard and change the price if desired
2. Place an item on the platter
3. Remove the item from the platter

Steps 1 and 2 can be interchanged. You can learn how to program the Speed Keys in the next section.

Using the Save Key & the Auto-Clear Feature:

If you press the SAVE key before any operation, the SAVE Lamp will come on. This will prevent the Weight and Unit Price displays from auto-clearing.

Programming PLUs with the Speed Keys:

1. Enter a tare if desired
2. Enter a Unit Price if desired
3. Press and hold down any of the 12 Speed Keys until the Total Price display shows "Saved" and the scale will give a long beep

For example, if you want to program Speed key 1 with a Unit Price of 1.00 but without a tare simply:

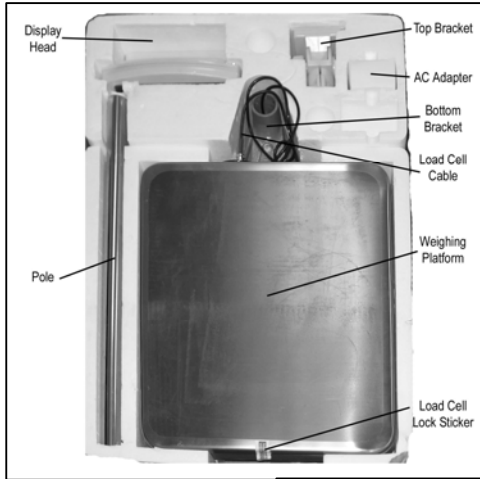
1. Make sure that you are at the initial state
2. Press 1, 0, and 0
3. Press & hold down Speed Key 1 until displays show:



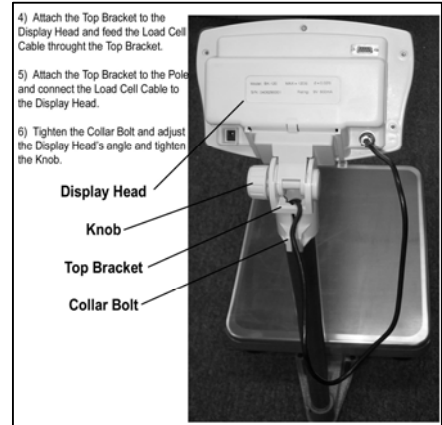
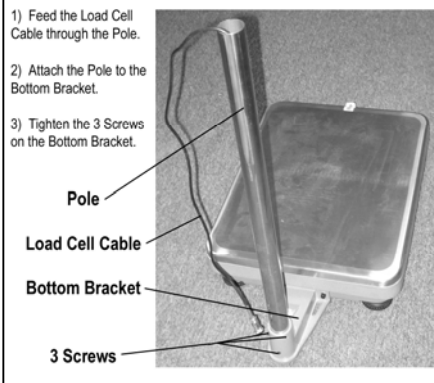
Charging the Battery

The BATT Lamp is located on the bottom left side of the Weight display. When it turns ON you will see an arrowhead ▼ pointing to "BATT". When this happens, you need to recharge the battery. The scale can be ON or OFF when recharging so long as it is plugged into the AC adapter. The Recharge LED is located on the bottom right side of the Total Price display and has various states which are explained on the other side of this guide. An overnight charge of 12 hours will give you approximately a 90% charge or about 90 hours of continuous (no-backlight) use.

Nomenclature & Pole Assembly



- 1) Feed the Load Cell Cable through the Pole.
- 2) Attach the Pole to the Bottom Bracket.
- 3) Tighten the 3 Screws on the Bottom Bracket.



- 4) Attach the Top Bracket to the Display Head and feed the Load Cell Cable through the Top Bracket.
- 5) Attach the Top Bracket to the Pole and connect the Load Cell Cable to the Display Head.
- 6) Tighten the Collar Bolt and adjust the Display Head's angle and tighten the Knob.

Keypad

0 ~ 9	Numeric keys, used to enter pricing data, tare weights, & programming.
C	Clear key, used to release error conditions and to clear erroneous entries.
ZERO	Zero key, used to manually set the zero point.
TARE	Tare key, used to enter and clear Manual or tray Sampled tares.
SAVE	Save key, used to disable the price and tare auto-clear function.
ON OFF	On / Off keys toggle the power of the scale from on & off.
1 ~ 12	Speed keys, these are can be programmed with tares and/or unit prices. These are light blue in color.

Displays

Battery Lamp: When this lamp turns ON you have about 10 hours of battery use left before you must recharge the battery.

Net Lamp: When ON it indicates that there is a tare set and the displayed weight is a net weight.

Stable Lamp: When ON it indicates that the weight is stable.

Zero Lamp: Indicates that the scale is at gross zero; if both Net and Zero Lamps are on then it indicates net zero.

Save Lamp: Indicates that the auto-clear feature is disabled.

Recharge LED: Indicates various recharge states of the scale.

- Green: Scale is fully charged, 100% charge. Full Charge
- Yellow: Scale is still recharging, 90% ~ 99%. Quick Charge.
- Red: Scale is recharging, 0% ~ 89%. Must keep charging.
- Off: LED is Off the scale is running on battery power.

Specifications

Models:	BK-300+	
Capacity:	300 x 0.05 lb	
Resolution:	1/6,000 & 1/3,000 NTEP Approval # 06-083	
Direct PLU Keys:	12 Direct PLU keys that store Unit Price & Tare & % Tare	
Liquid Crystal Displays	Weight:	6 Digits, 999.999 max
	Unit Price:	6 Digits, 9999.99 max
	Total Price:	6 Digits, 9999.99 max
Platter Size:	Width: 420 mm / 16.5"	Length: 520 mm / 20.5"
Maximum Tare:	Full Capacity	
Product Dimensions	Width:	420 mm / 16.5"
	Length:	520 mm / 20.5"
	Height:	940 mm / 37.0"
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	
Fuse rating	250V / 1.5A, 20 mm	
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

The backlight can operate in 3 different modes: Always ON, OFF, or AUTO which turns the backlight on when the scale is in use. To change this feature:

1. Hold down SAVE key & release it once you hear 2nd beep.
2. Press Speed Key 4 to select *on*, *off*, or *AUTO*.
3. Press the TARE key to save the setting.

Auto Shutoff

1. Turn ON & press * while displays are counting.
2. Press Speed Key 4 to select *0*, *1*, *5*, or *30*.
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	A/D Converter error.	Scale needs calibration or service.



© 2005, All rights Reserved