



# Queen/Galaxy IP68/IP69 Waterproof Indicator

## Quick Startup Guide


### Usage Notice

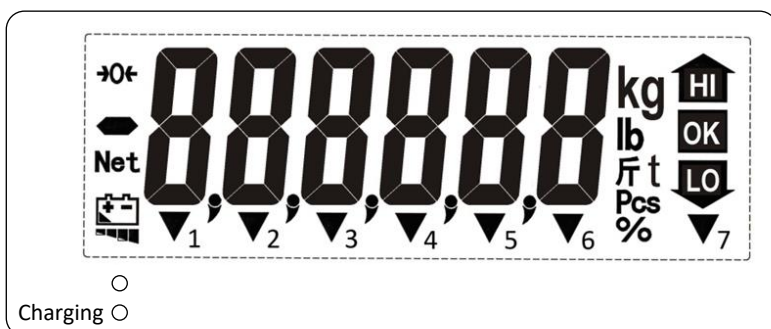
1. Use within the maximum capacity. Avoid sudden drop of heavy object on the platter.
2. Use under a stable temperature and air flow. Avoid direct sunlight or use near air vent.
3. Use under individual socket to avoid the interference of other electric appliances.
4. Put the scale on a firm and flat surface for accurate weighing reading. Adjust the four leveling feet to get the leveling bubble at the center of the circle.
5. Clear the platter before turning on the scale. It requires 15 ~ 20 minutes to warm up.
6. For accurate results, place center of the object in the center of platter.
7. When the low power warning symbol  flashes, If not charge immediately, auto shuts down within 5~10 hours or 1~2 hours with backlight. Once it auto shuts down and enters the battery protection mode, it must be charged before it can be used.
8. Please operate or charge the scale in an open area. Avoid squeezing the power cable, which might cause short circuit within cable and result in fire. Battery temperature should be < 45°C while charging. Red -> charging is in progress. Green-> The battery is fully charged. Check the battery symbol . The number of bars under the battery symbol indicates the status of the battery capacity.
9. The rechargeable battery is consumables and is not included in the warranty. If scale is not used for some time, recharged it every three months and recharged it before use. Avoid store at a high temperature environment, the ambient temperature should be less than 50 °C.

### Power Supply and Power Consumption:


Power	Battery	6V 4Ah Lead Acid Battery
	Adaptor	Input: 100~240VAC, Output: 12VDC
Power consumption varies depending 0~100% backlight used (mA)	No backlight	100% backlight (factory default)
	30 ~ 35	130 ~ 140
Operating hours	110 ~ 120	20 ~ 25

### Indicators in Display

→O←	:	"Zero" indication
Net	:	"Net weight" indication
	:	"Low battery power" indication
HI	:	High limit value
OK	:	OK value (The value between HI and LO limit value)
LO	:	Low limit value



### "▼" indications description

▼1	STABLE	:	Stable indication
▼3		:	Unit weight insufficient indication, sample is < 0.2d (d=increment)

▼2	GROSS	:	"Gross" weight indication
▼4	PT	:	"Pre-tare" mode indication

### Non-Approval model:

▼5	HOLD	:	"Weight hold" indication
▼6	M+	:	"Accumulation mode" indication
▼7	oz	:	If exists, "oz" unit indication

### Approval model:

Range 2	:	"Range 2" indication
Range 1	:	"Range 1" indication
M+	:	"Accumulation mode" indication

**ON|OFF:** Press the **ON|OFF** key to switch the indicator on or off.

**Zero:** While in use, zero might drift. Press **ZERO** key to return to zero.

**TARE|PT:** Tare and Pre-tare key; **To Tare:** Place the packaging container on platter, and press **TARE|PT** key, Net indicator light up and weight display 0. To cancel tare, remove object together with packaging container and press **TARE|PT** key. Net indicator disappear and weight display 0.

**To PRE-TARE:** When no load, press **TARE|PT** key to enter Pre-tare setting. Use **ZERO** and **UNIT** key enter value and use **TARE|PT** and **NET|GROSS** key to move cursor. When cursor moves to the rightmost digit, press **TARE|PT** to confirm. PT indicator lights up. To cancel it, set Pre-tare to 0.

**NET|GROSS:** To switch to display "Gross weight" and "Net weight".

**[F] KEY: For non-approval model,** **[F]** key can be set as **[MC]**, **[HR]**, **[TARE|PT]** key (see FnC 12 for details). **For approval model,** it is **[F/△HR]** key instead.

When set to MC, it is **[MC]** key : Press **[MC]** when weight returns to 0 to clear all totalization data

When set to hr, it is **[HR]** key : Press **[HR]** to switch to high resolution display for 5 seconds.


When set to t-tP, press **[F]** key to display tare value or pre-tare value.




**M+|PRINT:** When net weight = 0, add new item and press **[M+|PRINT]** key to totalize net weight. Then display the totalization numbers for one second and display total net weight for one second and then return to current weight and print the latest accumulated data. If the previous item is not removed or the new item's weight is < 20d, totalization is not performed.

**Clear Totalization Data:** When net weight = 0, press **[M+|PRINT]**. While displaying totalization numbers, press **[M+|PRINT]** again to clear totalization data. RS232 will print out totalization numbers, total net weight, etc.

**To Enter Function Setting:** In the weighing mode, press **[NET|GROSS]** key (For approval models, use **[NET|B/G]** key instead) and **[ZERO]** keys at the same time.

**[FnC 01 Auto Backlight]:** Use **[ZERO]** or **[UNIT]** key to select “on”, “Auto” or “oFF”.

**[FnC 03 HI/LO/OK Settings]:** steps as followed  Set high/low limits to “0” to disable Hi/Lo/OK

- 1) To set High limit value: use **[ZERO]** or **[UNIT]** to select values and use **[TARE|PT]** or **[NET|GROSS]** to move cursor. When cursor moves to the rightmost digit, press **[TARE|PT]** to confirm.
- 2) To set Low limit value: use **[ZERO]** or **[UNIT]** to select values and use **[TARE|PT]** or **[NET|GROSS]** to move cursor. When cursor moves to the rightmost digit, press **[TARE|PT]** to confirm.
- 3) To set Alarm setting: 0 0 0 0 0 b  
(a) 1 = alarm on, 0 = alarm off  
Parameters description: (b) 1 = alarm when stable, 0 = alarm even when unstable  
(c) 1 = alarm when weight is between high and low limits  
0 = alarm when weight > high limit or when 10d < weight < low limit
- 4) Set HI/OK/LO backlight color:   , use **[ZERO]** or **[UNIT]** key to select r, G, Y, W, o to set color, default as followed:  
(a) > high limit, backlight is red (r)  
(b) Between high and low limits (OK range) is green (G)  
(c) < low limit, backlight is yellow (Y)

**[FnC 06 Hold]:** use **[ZERO]** or **[UNIT]** to select 0~5 for different hold and use **[TARE|PT]** to confirm.

hoLd 0 = Hold is disabled;

hoLd 1 = Hold peak weight until a key is pressed to release hold and get a new peak weight.






hoLd 2 = When the weight is stable, Hold the current stable weight until a key is pressed to release hold and get a new stable weight.

hoLd 3 = When the weight is stable, Hold the current stable weight until weight returns to zero (<10d), the hold is cancelled automatically.

hoLd 4 = “Animal scale hold 1” mode. When no load, display “- - - - -”. After the animal is on the platter and the weight is stable, the display Hold the current stable weight value. When the animal is off the platter, the display “- - - - -” and the hold is released. If the weight is hardly stable, display Hold the average weight in 10 seconds until the weight < 10e and display shows “- - - - -” or press any key to calculate a new weight.

hoLd 5 = “Animal scale hold 2” mode. When no load, display “0.000”. After the animal is on the platter and the weight is stable, display Hold the current stable weight value. When the weight added or removed on the platter is > the hold range set in hold 5, hold is released and calculate a new hold weight. If the weight is hardly stable, display Hold the average weight in 10 seconds. **[ZERO]** and **[TARE|PT]** keys are inactive here.

**[FnC 14 Standby Backlight Color]:** use **[ZERO]** or **[UNIT]** to select and use **[TARE|PT]** to confirm.

 for white (default),  ⇒ o for orange,  for red,  for green,  as yellow.

**[FnC 15 Backlight Brightness]:** use **[ZERO]** or **[UNIT]** to select 1~4 and use **[TARE|PT]** to confirm. “4” is the brightest.

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