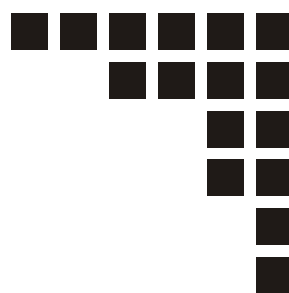




**NAGATA**



# **USER MANUAL**

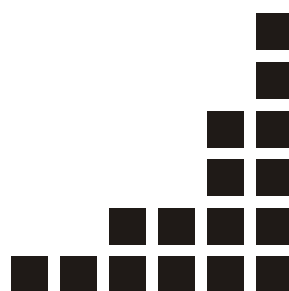
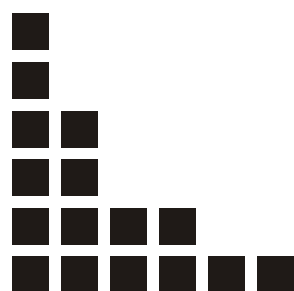
## **ELECTRONIC WEIGHING SCALE**

### **TABLE TOP SCALE SERIES**

**Item Number:**

**FAT-06**

**6 keys function**



Thank you to purchase our scale,  
please read this manual before try to operate the scale.

### **Before operation:**

1. Place the scale on a stable surface.
2. Adjust four feet to center of the bubble on the scale.
3. Avoid hot sunshine directly on the scale or near the exhaust port of ventilating system.
4. Please prevent from getting wet and direct wash the scale , if gets wet please wipe it dry . Always keeps scale cleaning.
5. Keep it away from high temperatures and damp conditions.

### **DESCRIPTION OF POWER SUPPLY**

A. Power switch. ( located on scale bottom or in dicator right bottom side. )

B. Charging instruction:

Power supplies: DC 6V 4.5A internal rechargeable battery.









Power consumption: about DC 20mA , with backlight about DC 40mA.

Low battery: there is a round lamp on left side of the screen. When the lamp flashing , the battery needs recharging.

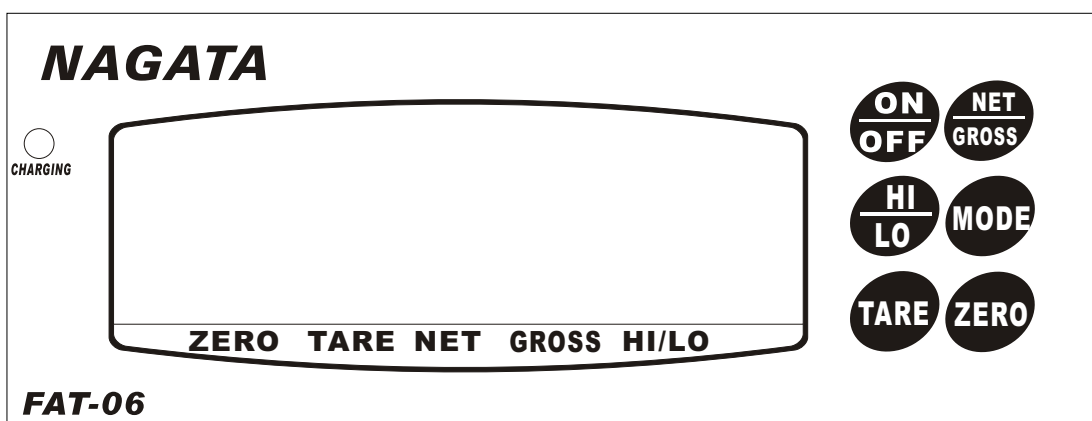
#### **Note:**

1. The scale is available used lasting over 150 hours , in order to keep sufficient power please recharge it every day to prolong battery life.
2. When recharging , please don't share power with other equipment , and avoid electromagnetic interfering from other device.
3. If the machine will not be used for sometime , the scale must be recharged ( the internal battery ) every 3 months . When it used , please recharge scale before using.
4. When screen recharging lamp appears red , means in recharging.
5. When screen recharging lamp appears green , means recharging full.

## Key pad function:

1.  Press this key to return the display to a zero reading.
2.  To deduct the weight of a container.
  1. Ensure that there is no weight on the weighing platform.
  2. Place an empty container on the scale platform.
  3. Press "TARE" key to deduct the weight of the empty container.
  4. Place a weight in the container to obtain the net weight of the item.
  5. To clear the tare function, simply press "TARE" key again.
  6. The tare indicator light is on when the tare function is activated.
  7. The tare range is from capacity 0kg to the scale's maximum capacity.
  8. To review net weight or gross weight, press "NET/GROSS" key to display gross weight, when press "NET/GROSS" key again to display Net weight.
3.  Preset required high and low limited weight, when reaches the weight.  
There is a beep sound to warn the user.  
( Ex. To set high weight: 3.000kg, low weight: 1.200kg ).  
Press "HI/LO" key , when displays  input 1.200  
Press "HI/LO" key , when displays  input 3.000  
Press "HI/LO" key again , finished.  
( You may use "ZERO" key to increase value or "NET/GROSS" key to move )
4. 
  1. While at tare mode, press "NET/GROSS" key to display net weight and gross weight value.
  2. Press "NET/GROSS" key lasting 3 seconds, scale will go into LED brightness adjustment, use "ZERO" key to select brighter or darker, when press "NET/GROSS" key again to confirm setup.
5.  Unit weight conversion. ( kg or lb )  
※ Unit weight will be stored at next operation.
6.  Power turn ON/OFF.










Note: 1. Hi/Lo key : to be confirmed key or skip .  
2. NW/GW key: to be right movement key.  
3. ZERO: to be value increasing key.



### Available capacity and graduation:

Item	Capacity	Graduation	Resolution
FAT-06	20.0kg	1.0g	1/20000

### Back-light function setting:(Option)

<1>. Press "TARE" lasting 3 seconds , when displays "0" release it. Back-light mode is off(Originate setting)	  
<2>. Press "HI/LO" lasting 3 seconds , when displays "1" release it. Back-light mode is Auto-backlight.	  
<3>. Press "MODE" lasting 3 seconds , when displays "2" release it. Scale have switched to back-light function automatically.	  
Note: The back-light status will be memorized. After the scale is off , the backlight mode will be remained sane as when turn on scale next time.	

# NAGATA FAT-06 Calibration Instructions

Note:

- The test weight used to calibrate the scale should be no less than 1/6 the max capacity of the scale. Example: For a 20kg capacity scale, the minimum test weight used to calibrate the scale must be 4kg
- The test weight used to calibrate the scale must not be greater than the max capacity of the scale. Example: For a 20kg capacity scale, the maximum test weight used should be 20kg or less.

## ⦿ Keypad function chart ⦿



Confirmed key

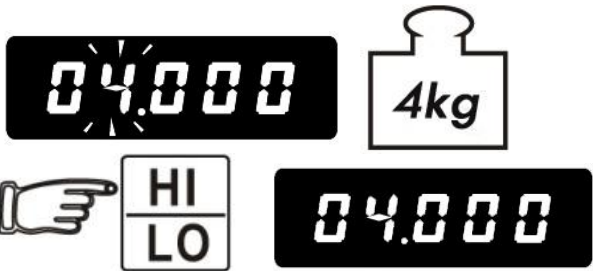



Movement key



Number increasing key

1. Leave the scale and assemble tray.	
2. Make sure that the power is off.	
3. Press and hold the <b>HI/LO</b> key then turn on the power while still holding the <b>HI/LO</b> key. Hold the <b>HI/LO</b> key until a <b>1</b> appears on the screen. Release the <b>HI/LO</b> key.	
4. Press the <b>ZERO+</b> key and the screen will display <b>2</b> .	
5. Press the <b>HI/LO</b> key and the screen will display <b>3</b> .	
6. Press <b>ZERO+</b> key and the screen will display <b>123</b> .	
7. After 20 seconds and the screen will appear the calibration capacity 020.000.	
8. Using the <b>NET/GROSS</b> and <b>ZERO+</b> keys, change the weight displayed to match the test weight you will be using. The <b>ZERO+</b> key changes the value of the flashing digit. The <b>NET/GROSS</b> key changes the position of the flashing digit.	

<p>9. Once the screen is displaying the weight of the test weight you are using, place the test weight on the scale. Press the <b>HI/LO</b> key.</p> <p><i>Note: If the screen display does not match the test weight then remove the test weight. Press the <b>ZERO+</b> key. Place the test weight back on the scale. Press the <b>HI/LO</b> key. Repeat this process until the screen matches the test weight.</i></p>	
<p>10. Once the screen and the test weight match turn off the scale to complete the calibration.</p>	

**⚠ WARNING:** This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

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