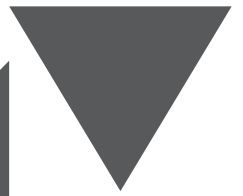




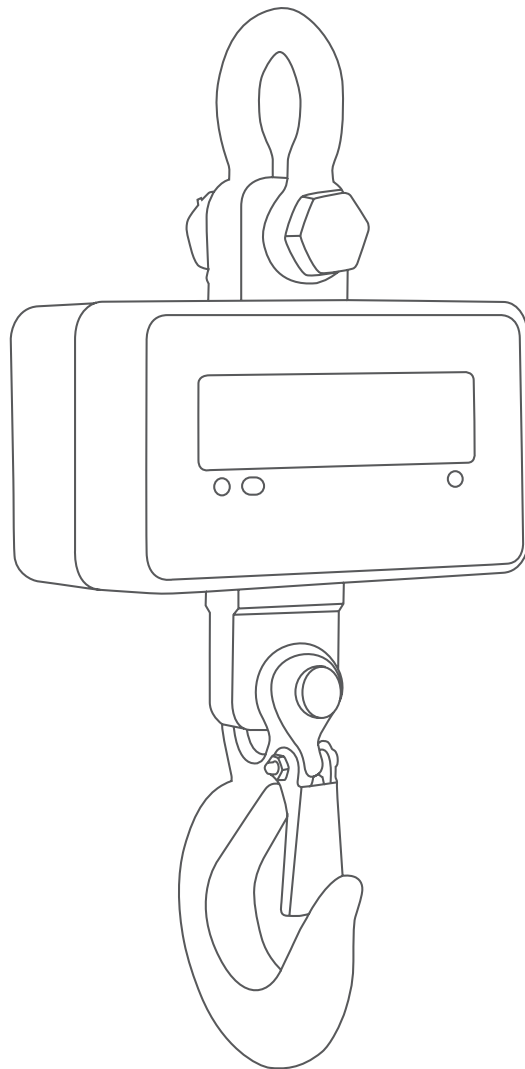
# GRAM



SERIES

**C3**

300 / 500 / 1000



EN

CE

**USER MANUAL**



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## SAFETY RECOMMENDATIONS

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1. Safety parameter have been considered in the design,pls do not overload the max.capacity when use it,or else, We will not be responsible for any lost with overload problem.
2. Please check the shackle , hooks and other parts, cotter pin every 3 months,If there is any problem, please send to the agency to repair it and ensure it safety.
3. The hook should vertical suspended after using or else ,the loadcell will be damaged.
4. Crane scale should be far away from the corrosive gas.
5. Please charge battery every 3 months even not in use and ensure to charge it before every using.
6. Please send it to the factory maintenance or call to make an appointment this service if any malfunction,pls don not reaire it by yourself.
7. The function of battery capacity will be shown every turning on. For examples,If it shows " PA 86",that means the battery energy is 86% of total capacity,if it shows "PA 20", charge the battery in order to avoid excessive battery discharge ,therefore the battery life will be effected.
8. Pls feel free to contact us or our agency if any problem when the first usage.

## PRODUCT DESCRIPTION

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C3 is the new weighing device which combined the weigh, loadcell and power, it can be linked to the the hoist hook directly, so that the assemble and unassembled, weigh can be done at the same time. The display adopt the super brightness nixie tube, the number of showing can be clearly seen within 25 meter. High rigidity aluminum alloy body, portable structure and easily operation are embodied on C3 scale.

With high quality, competitive price, this model has been widely used in textile, pharmaceutical, warehouse industry, etc... It is a ideal weighing device to realize the modern enterprise management and increase efficiency.

The produce suit for the JJG539-1997 (digital indication scale verification procedures) and JJG555-96 (non-automatic scale verification procedures).

### C3 crane scale model


<b>Model</b>	<b>Capacity</b>	<b>Division (d)</b>
C3-1T	300kg	50kg
C3-3T	500kg	100g
C3-5T	1.000kg	200g

## C3 basically technical parameter

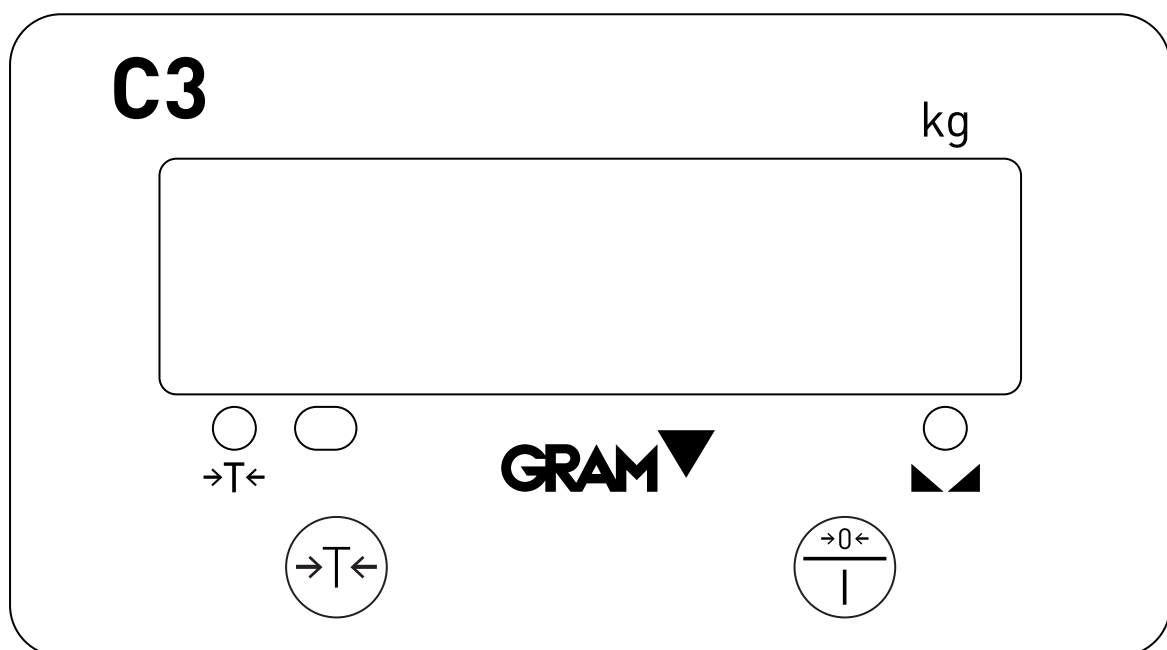
Accuracy	Class III
Tare range	100% Max. capacity
Time of stability	10 's
Overload alarm	Max +9e
Max. overload	125% Max. capacity
Power	Full seal rechargeable battery 6V/4AH
Display	LED
Usage temperature range	0°C - 40°C
Remote control range	≤ 20m

## WORKING

### Panel display information

1. Super lighting display with 8 sections. Great show the display when it's in the different condition.
2. The small light on the right (  ) side is stable prompt, it will be light when the scale operate in the stable condition.

### Keyboard



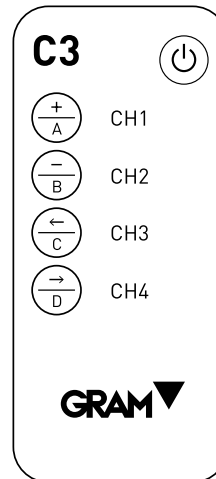
## Keyboard description

Key	Description
	Tare
	On - Off / Zero

## Remote control keys description

Key description in the weighing condition:

Key	Description
A	Confirm
B	Tare / Zero
C	Accumulation
D	Hold



## Keyboard operation

### 1. Power on

In power off status, press the **[On-Off/Zero]** key, Plug into an electric power, the display shows all the strokes, the scale begin to test itself. And it entre auto zero initialization, when the power capacity show "PA 85"(85% power left),it enter the weighing status.

### 2. Tare

When its in weighing stable status, press **[On-Off/Zero]** key, the display shows zero.

### 3. Tare

When there is appendage weight value, press **[Tare]** key, deduct the appendage weight value, the display shows the net weight of the goods.

### 4. Power off

Press **[On-Off/Zero]** key for 3 seconds, scale shows "PA 80"( the battery has 80% power), after 1.5 seconds, display shows "-oFF-", display is off and the scale power off.

### 5. The circulation display

“.” Indicate save power mode.

## Remote control key operation

### 1. Display value keep and cancel.

Press **[D]** key, display value locked and will not be changed.

Press **[D]** key again, release display value, enter the normal weighing mode.

In the condition of display value locked, 30 seconds, automatic release lock condition.

### 2. Zero

When weight is stable, press **[B]** key, display value is "zero".

### 3. Accumulation

When weight is stable, and →20d, press **[C]** key, cumulate the display values and display the accumulation times "N32", 2 seconds later, back to the normal weighing mode.

Remarks: Next time accumulation, weight must less 20d.

### 4. Function operation

Press **[A]** key, display the accumulation times, "n36", 1.5 seconds later, scrolled display the accumulated weights and then back to the normal weight display. (In the above display condition, press **[B]** key, cancel the accumulated weight and back to the normal weight mode).

### 5. ON/OFF the save power

When the weight is zero for 1 minute, the display will be out automatic and only show "." to save power. When the weight changes or we press the key to operate, the display will be back to the normal mode.

### 6. Power off

Press **[D]** and **[B]** key at the same time, display shows the power capacity "PA 80" (80% power left), 1.5seconds later, display "-OFF-", and cut off the power after 1.5s. the switch must be pressed before its power on.

## SOCKET DESCRIPTION

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### 1. CN1: Loadcell socket

1: +E

2: +S

3: -S

4: -E

5: PE

### 2. CN5: Battery socket

1: +6V (suggest to use 6V/4Ah lead-acid battery without maintenance)

2: GND

### 3. CN6: **[On/Off]** socket

### 4. CN3: **[Tare]** socket

## Other Function

### **Restore Factory Settings Function**

When power on self test (00000-99999),press the **[C]** button on controller,then it will be 00000.Change 00000 to 00012,then press **[A]** to confirm to restore factory setting. (**[C]** mean increasing figure; **[D]** mean shifting; **[A]** mean confirmation). Then power off and start up, it can be used for.

### **Transform kilogram to pound function**

There is no goods on C3 and it shows 0kg, press **[Tare]** two second (pls don't less than 2 second and more than 3 second), then the units will be transformed kilogram to pound; pound to kilogram is also according to the steps.

### **Attentions!**

Transform kilogram to pound is more humanized than before,but it maybe an error occurred when reset.So we should explain the function before selling.

## **WARRANTY AND MAINTENANCE INSTRUCTION**

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This crane scale is guaranteed for one year from the delivery date. The guarantee covers any fabrication defect of the material.

During this period, GRAM PRECISION, SL, covers manpower and spare parts costs necessary for the reparation of the crane scale.

This guarantee does not cover the failures caused by an inappropriate use or overload.

The guarantee does not cover the freight cost (transport) necessary to repair the scale.

The user shall not open the lead seal without approval, any adverse consequences, shall bare by user himself.

This product shall be far away from high magnetic field, strong corrosive substances, inflammable and explosive goods.

Rechargeable battery is the consumables, not in the warranty range .(In order to extend the battery life ,please charge the battery every one month).

Please be care in the transportation to avoid any hit or strike. otherwise, the loadcell, display and cover will be damaged.

Please constantly clean the housing of the crane scale and the display in order to keep normal use and show clearly.



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