

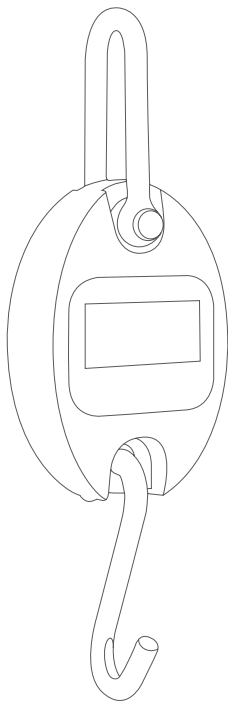


# GRAM

SERIES

**CR**

30 / 30S / 150 / 150S / 300 / 300S



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OPERATION MANUAL



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## ENGLISH

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### SAFETY RECOMMENDATIONS

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- Before using the crane scale, please, read this manual carefully and follow the instructions.
- DON'T overload the crane scale, this could seriously damage the loadcell (repair not covered by the warranty).
- DON'T hang a heavy weight on the hook for a long time, this reduces the accuracy of the equipment and shorts the life of the loadcell.
- Before using the crane scale, check the superior and inferior hook ring.
- Replace the batteries once the display shows the low power indicator.
- DON'T use the crane scale in rain or storms.
- DON'T try to repair the crane scale, please contact with your Distributor.

### FEATURES

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- Light, handy and portable.
- Low power design, longer battery usage time.
- Low battery detection and warning, shutdown automatically while under voltage.
- Hold function, lock the weight.
- Idle mode and automatic power off function.
- Zero / Tare function.

## SPECIFICATIONS

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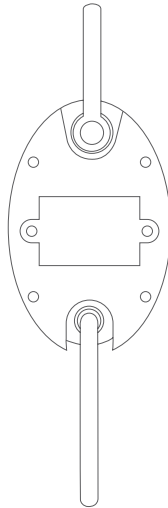
Accuracy Class	III
Tare range	2% ~ 100% max. capacity
Initial zero range	±10% max. capacity
Manually zero range	±2% max. capacity
Operation temperature and humidity	-10 ~ +40°C, ≦ 90% RH
Storage temperature	-40 ~ +70°C

Model	Maximum capacity	Division	Size	Net weight
CR-30 / S	30kg	10g	88*46*268mm	0,6kg
CR-150 / S	150kg	50g		
CR-300 / S	300kg	100g		




## INSTALLATION

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Put in 3pcs of 7# AAA batteries and hang on the hook before using.



## BASIC OPERATION

Key	In weighing mode	In parameter setting
	Power on / off	Exit
	Hold function and unit weight selection	Confirm
	Zero / Tare	Page down

### Power ON

Press the  key for 1 second to power on the crane scale and start self test.

If the zero range is exceeded the display will show “ERR6” or goes to weighing zero.

### Power OFF

Press the  key for 1 second, the crane scale will power off.

If the batteries are under voltage, the crane scale will power off automatically.

If there is no operation in 10 minutes, the crane scale will power off automatically.

### Tare / Zero


#### Tare

Press the  key to subtract the weight of a container, then put the product


into the container to obtain the net weight.

To clean tare, press again the  key, the gross weight will activate.

## Zero

Press the  key to put at zero the display reading.

## Hold function

Press the  key to hold the data shown on the display (value frozen on the display for 15 seconds).

To release Hold function press again the  key.


Hold time can be setting in Ht parameter.

## Units weight

Press the  key for 1 second to select the desired unit weight (kg, lb and N).

See No. 4 parameter setting (UnS).

## Parameters setting

Press  and  keys to enter into parameter setting.

Function	Display	Parameters
Automatic power off	Off 10	=0 Disable =10 Power off in 10 minutes =30 Power off in 30 minutes =60 Power off in 60 minutes
Backlight mode	BL 1	=0 Disable =1 Auto-backlight =2 Normally on back light
Units weight	UnS 1	=0 Disable =1 kg/N =2 kg/lb =3 kg/lb/N
Hold function	Hold 2	=1 peak hold =2 data hold =3 auto hold
Hold time	Ht 1	=0 No time limit =1 15*1 second =2 15*2 second =3 15*3 second =4 15*4 second

## **GUARANTEE**

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This balance 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 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.**



**NOTES**

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**Gram Precision S.L.**

Travesía Industrial, 11 · 08907 Hospitalet de Llobregat · Barcelona (Spain)

Tel. +34 902 208 000 · +34 93 300 33 32

Fax +34 93 300 66 98

[comercial@gram.es](mailto:comercial@gram.es)

[www.gram-group.com](http://www.gram-group.com)