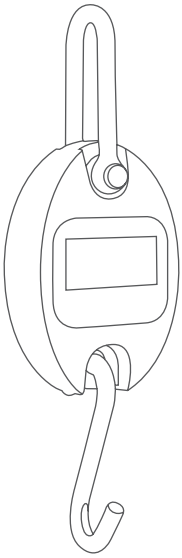
SERIES

# CR

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



**NEVER PLACE LOADS THAT EXCEED THE MAXIMUM LOAD CAPACITY OF THE HOOK.**

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**OPERATION MANUAL**

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# ENGLISH

## SAFETY RECOMMENDATIONS

- Before using the crane scale, please, read this manual carefully and follow the instrucions.
- Always make sure that there are no persons, other living beings or materials that could be damaged under the suspended load.
- Falling objects or breakage of the equipment due to overloading can cause serious injury or death.
- Do not use the hook on cranes for transporting loads.
- The hook may not be used for dynamic weighing.
- Avoid any kind of knocks or torsions.
- Inspect visually on a regular basis for any damage or wear of parts. If any damage or wear has occurred, replace the parts as soon as possible.
- Never place loads that exceed the maximum load capacity of the hook.
- Always make sure that under the suspended load there are no persons, other living beings or materials that could suffer damage.
- DON´T overload the crane scale, this could seriously damage the loadcell (repair not covered by the warranty).
- DON´T hang a heave 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

- 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.

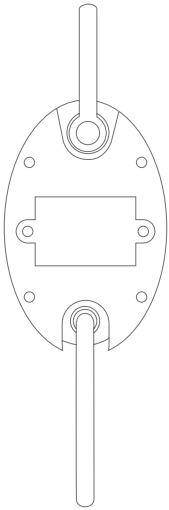
## SPECIFICATIONS

| | |
|---|---|
| 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

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

## GUARANTEE

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.**

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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
www.gram-group.com