USER MANUAL

Mini Crane Scale

Version: 190420

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Security Guide

In order to ensure the accuracy of crane scale, please pay attention to the daily use and maintenance:

●Don't overload, or it will damage the load cell, even worse causing casualties.

●Don't hang the heavy weight on the crane scale, or it will reduce the accuracy, and short the usage life of load cell.

●Please check the hook and ring before using.

●Please check the power frequently; When the crane scale is Low-voltage, please change the battery.

●Please take out the battery if no long-term using.

●Don't use the crane scale in thunderstorm environment.

●Don't repair by yourself, please contact with your local dealer.

1、Instruction

1.1 Function feature

●Light, handy and portable

●Low power design，longer battery usage time

●Perfect function：

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

1.2 Specification

Accuracy class	
Tare range	2%~100% max. Capacity
Initial zero range	±10% max. Capacity
Manually zero range	±2% max. Capacity
Operation temperature& humidity	-10℃~+40℃； ≤85%RH

1.3 Battery instruction

The crane scale use 3 pcs of 7# AAA battery and work about 50 hours. If close the backlight mode, the battery can last 80 hours. When Low-battery detection and warns（light up the low battery icon）, please change the battery. If not timely change, the crane scale will shutdown automatically.

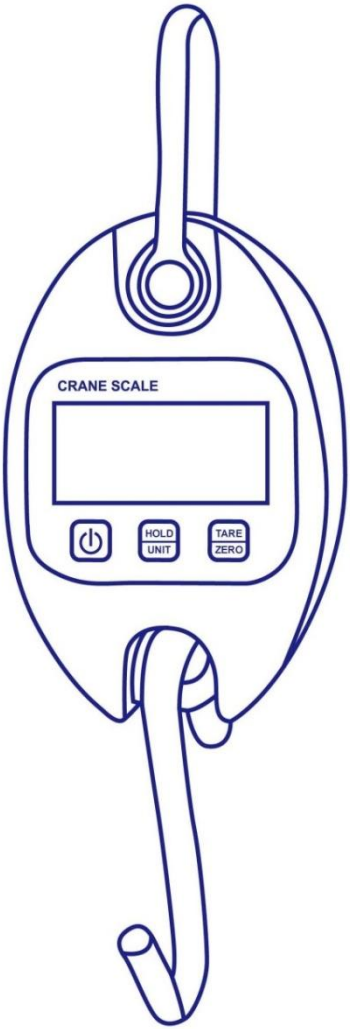
2、specification

2.1 Model & specification

Maximum Capacity (kg)	Division (kg)	Outline size W*L*H (mm*mm*mm)	Net weight (kg)
30	0.01	88*46*268	0.6
60	0.02	88*46*268	0.6
100	0.05	88*46*268	0.6
150	0.05	88*46*268	0.6
200	0.1	88*46*268	0.6
300	0.1	88*46*268	0.6

2.2 Installation

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



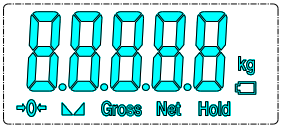
3、Basic operation

3.1 Key function

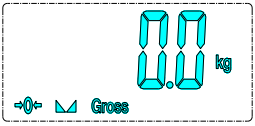
Key /function	Weighing mode	Parameter setting
	Power on/off	Exit
HOLD / UNIT	Hold/units convert	Confirm
TARE / ZERO	Zero/tare	Page down

3.2 Power on

Press  1 second，power On Self Test.



If exceed the zero range, it displays [ERR6]，or goes to weighing zero.



3.3 Power off

Press  1 second， the crane scale will power off.

If the battery under voltage , the crane scale power off automatically.

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

3.4 Zero/tare

While the weight is stable and exceed the zero range，press TARE/ZERO to enter into net weight mode，then the current weight tare as tare weight，display the net weight zero； While the weight is stable and in the zero range， press TARE/ZERO ,back to gross weight mode, display gross weight zero.

Tare：



Zero：



3.5 Hold function

While setting Hold=1， press HOLD/UNIT ,realize peak hold function.

While setting Hold=2， press HOLD/UNIT , hold the current weight 15 seconds；Press HOLD/UNIT ， release hold function.



While setting Hold=3，the weight is stable and hold the current weight 15 seconds；Press HOLD/UNIT ， release hold function.

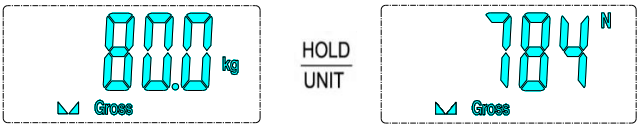
Hold time can be setting in Ht parameter.

3.6 Units convert

Press HOLD/UNIT 1 second，the units convert between kg /N.

kg/lb/N (option).

See No. 4 parameter setting (Units convert: UnS).



Remark：the convert unit still saved after power off.

4、Parameter setting

Press HOLD/UNIT and TARE/ZERO,enter into parameter setting

Function	Display	Parameter instruction
Automatic power off	oFF 10	=0 close this function =10 power off in 10 minutes =30 power off in 30 minutes =60 power off in 60 minutes
Back light Mode	BL 1	=0 close back light Mode =1 auto back light =2 normally on back light
Units convert	UnS 1	=0 close Units convert =1 kg/N convert =2 kg/lb convert(option) =3 kg/lb/N convert(option)
Hold function	Hold 2	=0 close hold function =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

5、Packing list

S/N	Product name	Qty.	Remark
1	Crane scale	1	
2	AAA Battery	3	
3	User manual	1	
4	certification	1	
5	Carton	1	