

*Crane Scale*

# CASTON II

OWNER'S MANUAL

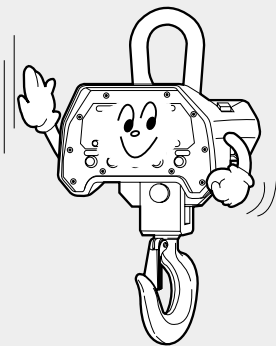


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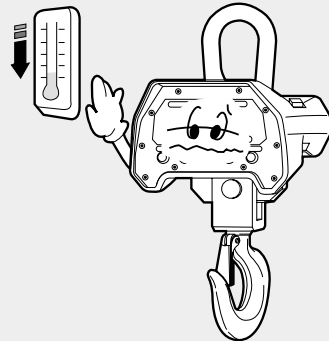
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## PRECAUTIONS

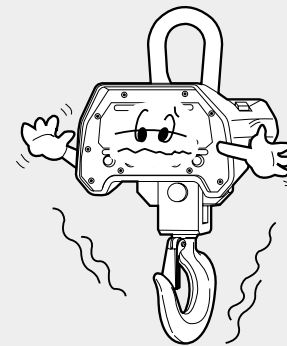
To installate, safety pin in hook should be fixed to prevent dropping out from lift eye bolt.



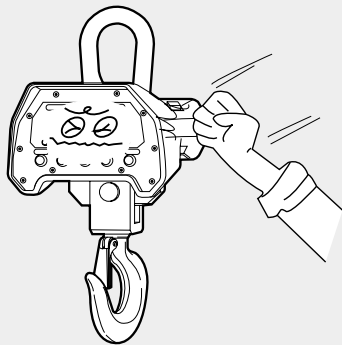
■ Check the scale's stability.



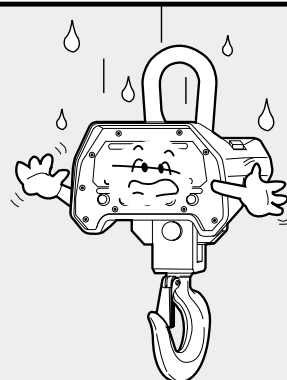
■ Do not subject the scale to sudden temperature changes.



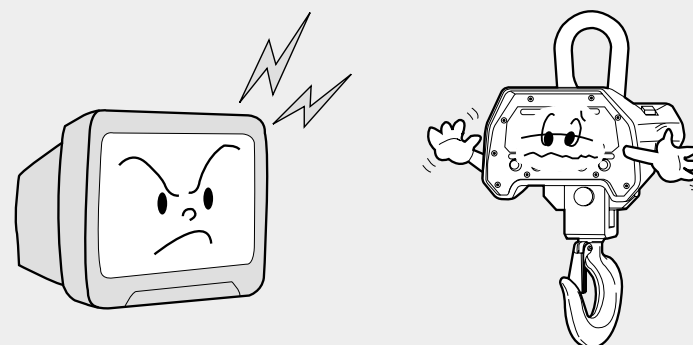
■ Escape from direct sunlight and vibrated place.



■ Avoid from the shock of extreme excessive weight.



■ Keep in a dry place and liquid free environment.



■ Use away from sources of electrical noise.

## PREFACE

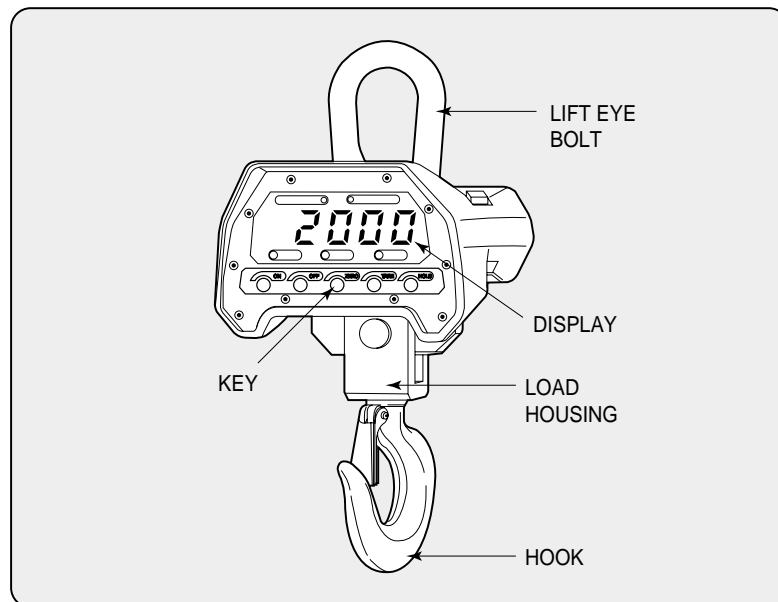
Thank you for purchasing our CAS CASTON II.

These series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your specialty departments can enjoy these high quality reliable CAS products.

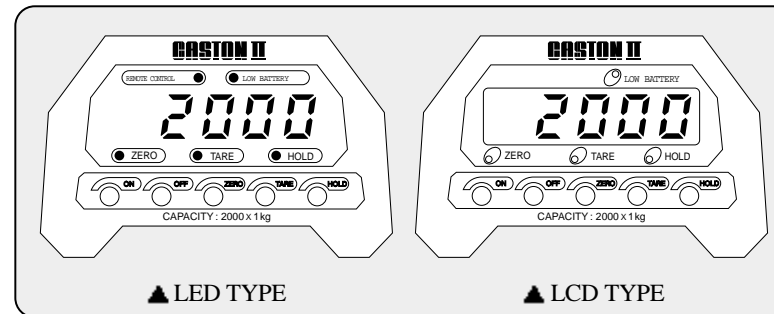
We believe that your needs will be satisfied and you will have proper reliability. This manual will help you with proper operation and care of the CASTON II. Please keep it handy for future reference.

## NAMES AND FUNCTIONS

### OVERALL VIEW



## DISPLAY & KEYBOARD



### ■ DISPLAY

**WEIGHING LAMP:** This lamp used for reading weight.

**ZERO LAMP:** Used for checking stability.

**TARE LAMP:** Used for entering tare weight and it is on only while tare weight has entered.






**HOLD LAMP:** It is ON while HOLD key is pressed.

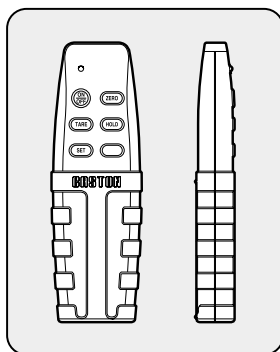
**BATTERY:** It informs battery charging time.

### ■ KEY FUNCTION (LED TYPE)

KEYS	FUNCTIONS
ON	Used for turning on display.
OFF	Used for turning off display.
ZERO	Weight display returns to zero.
TARE	Tare value setting.
HOLD	Used to weigh moving thing. (Manual / Automatic)

### ■ KEY FUNCTION (LCD TYPE)

KEYS	FUNCTIONS
	Used for ON or OFF the power.
	Brings the display to "0" while drifted.
	This key is used to preset tare weight and subtract or clear the tare weight.
	Used to weigh moving things. (Manual / Automatic)
	This back light used as a light while the scale used in dark area.

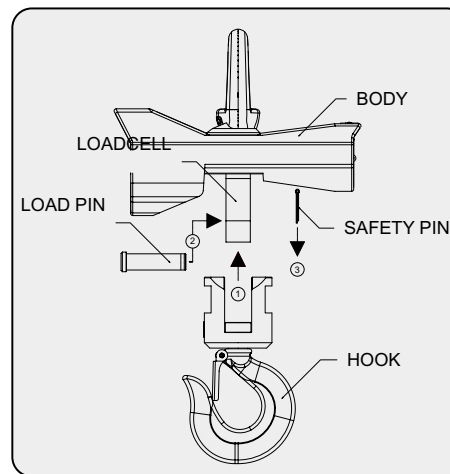


### Remote Control (LED TYPE)

- ON/OFF: Button to save battery life while pause in operating condition.
  - ZERO: Button to correct zero value.
  - TARE: Used to tare value memorizing.
  - HOLD: Used to weigh moving thing.
- ▶ Notice: Power ON/OFF function of the scale itself: use only main ON/OFF switch.

## OPERATIONS

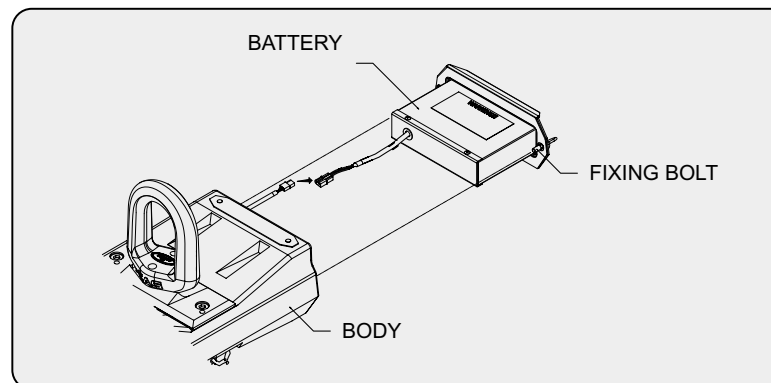
### 1. INSTALLATION



- Tighten the Load Cell and the Hook and then insert pin into the hole in Hook.
- Fix the pin with a safety pin. Fold the safety pin to tighten it.

### 2. BATTERY COUPLING

- Couple connector in main body with connector in battery portion.
- Insert battery portion to the main body and turn fixing bolt to the right to fix.



### 3. OPERATION

- Check self test of display by pressing ON switch. It will turn to initial display condition. (ON/OFF button wouldn't work while the scale's power is in OFF.)
- The ON/OFF key of remote control: Turn on and off of display only. (LED TYPE)
- BATTERY: Return to normal mode from battery save mode. Press any key on the scale or ON/OFF button of remote control. (LED TYPE)

### 4. HOLD FUNCTION

#### Auto Hold Function

- Press HOLD key when the display shows “0”.
- “HOLD HOLD” will displayed and HOLD lamp will be on.
- In case of weighing moving thing, “HOLD” will appear after the weight is stable. After that, mean value will be displayed.
- Displayed value will remove when you remove things from the hook. And HOLD lamp still is on. In case of weighing moving things. “HOLD” will appear again after the weight is stable.
- When you need to turn to normal mode from the automatic hold mode, press HOLD key when the display shows “0”.  
A message that “HOLD HOLD” will be displayed, at the time HOLD lamp is off.

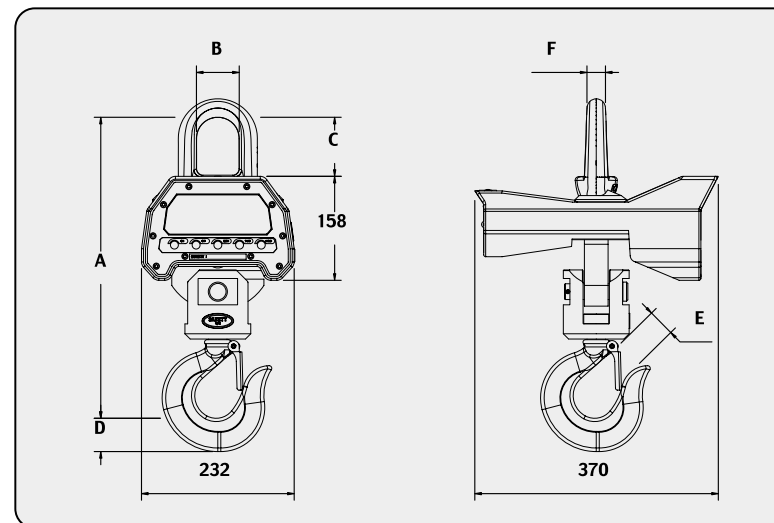
#### Manual Hold Function

- Press HOLD key after weighing moving things. “HOLD” message will appear and little while after mean value would be displayed.
- To remove manual hold made, automatically return to the normal mode by removal things from the hook.

### USAGE OF BATTERY CHARGER

- Check the voltage of battery charger before use.  
(It is fixed to 220V before delivered.)
- Insert charger into the power source and connect the discharged battery to the connector.
- Turn on the switch on the battery charger, charging will start.
- While charging, the charge lamp in charger is on.  
After the battery is fully charged, the full lamp is on.
- Estimated time for the charging is 8 hours.  
(Charging time can be varied according to the battery condition.)

### PRODUCT SIZE



MODEL	CAPACITY	GRADUATION	A	B	C	D	E	WEIGHT	F
0.5THB	500kg	200g	350	57.1	82	30	26	15kg	26
	1000LB	0.5LB						6.8LB	
1THB	1 TON	500g	350	57.1	82	30	26	15kg	26
	2000LB	1LB						15kg	
2THB	2 TON	1kg	430	57.1	91	47	45	20kg	30
	5000LB	2LB						9.1LB	
3THB	3 TON	2kg	430	57.1	91	47	45	20kg(9.1LB)	30
5THB	5 TON	2kg	474	57.1	91	47	45	20kg	30
	10000LB	5LB						9.1LB	

## ERROR MESSAGE

### The explanation of error message and solution

#### CH 01

- The reason for the error  
The data in the memory has been deleted by electric shock.
- Solution  
Please contact with A/S team in headquarter

#### Ad Err

- The reason for the error  
The load cell connection is not clear or A/D module has some problem
- Solution  
Please contact with A/S team in headquarter

#### CH 03

- The reason for the error  
The initial range of zero has exceeded the maximum capacity more than  $\pm 10\%$ .
- Solution  
Please Check the hook is empty.

#### Over

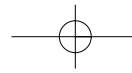
- The reason for the error  
The sign of over measurement which is exceed max capacity.
- Solution  
Please do not measure the weight which is exceed max capacity.  
If the load cell is damaged, you have to replace the load cell.

## SPECIFICATIONS

MODEL	CASTON II	
	LED TYPE	LCD TYPE
MAX. TARE WEIGHT	FULL TARE	
DISPLAY	LED(1.2 inch)	LCD(1 inch)
TEMPERATURE RANGE	$-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$	
POWER SOURCE	6V	
POWER CONSUMPTION	1W	
DISPLAY LAMP	ZERO, TARE, HOLD, BATTERY LAMP	

REMOTE CONTROL (LED TYPE)	
AVAILABLE DISTANCE	6m ~ 9m
AVAILABLE ANGLE	$60^{\circ}$
POWER	3V (1.5V AMM $\times 2$ )

► Notice: Specifications are subject to change for improvement without notice.



**MEMO**

