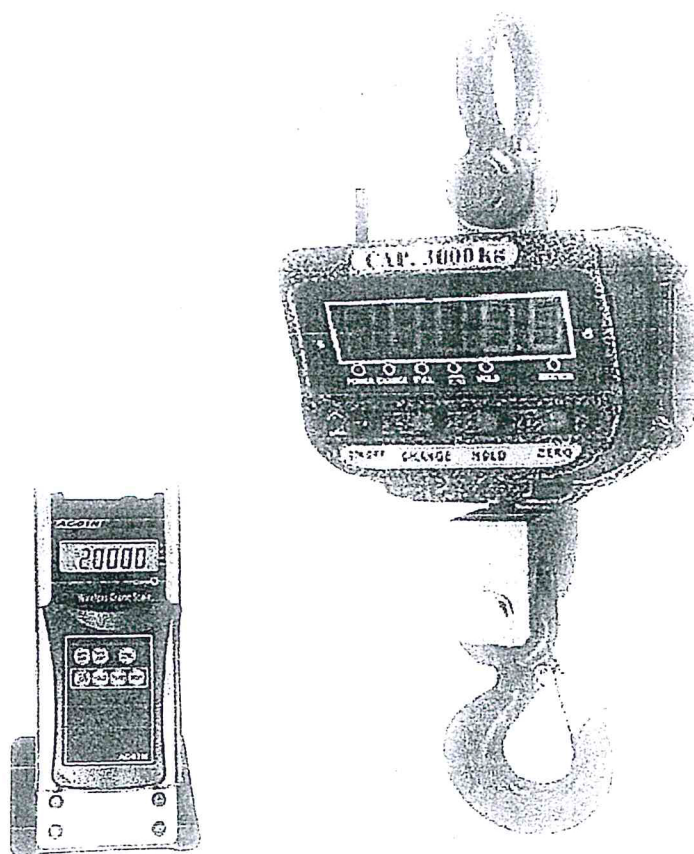


LH JLT SERIES CRANE SCALE GLT

OPERATION MANUAL



1. SAFETY INSTRUCTIONS

- a. Never overload this crane scale.
- b. Never perform overhead weighing.
- c. Never perform weighing in an environment where strong wind may cause subject matter falls out from the hook.
- d. Never attempt to open this scale.
- e. Stay clear during weighing.
- f. Remove all loads from hook when not in used.
- g. Do not remove the wire rope stopper, for safety reasons, always apply it.
- h. Before weighing, check and make sure that all hanging, load-receiving elements, devices are in good condition.
- i. For safety reasons, always lift subject matter vertically.

2. PACKAGE CONTENTS

The following items are included with the crane scale

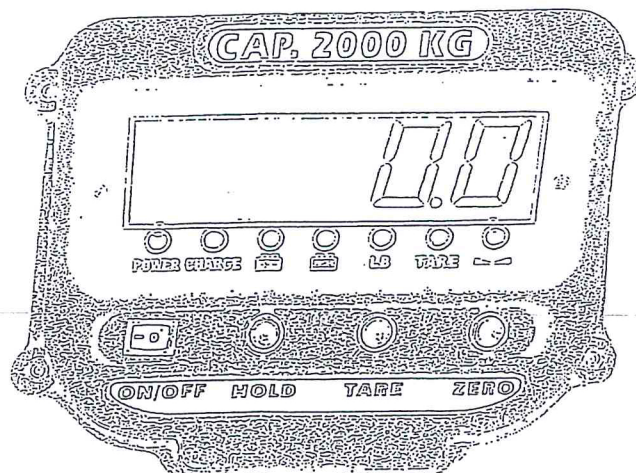
- a. Operation manual x 1
 - b. Crane scale x 1
 - c. AC adaptor x 1
 - d. Wireless remote control x 1
- Contact your dealer if any items missed

3. SECURING THE SCALE

- a. This unit must be hanged via a strong media, for example, a wire rope or a metal hook, to a firm support that can withstands at least 5 times of scale capacity.
- b. Make sure that the crane scale is hanged vertically

4. INDICATORS ON PANEL

Character height 40mm, 5 digits, high brightness red LED



	POWER	: POWER ON INDICATOR
	CHARGE	: BATTERY CHARGE INDICATOR
		: FULL CHARGE INDICATOR
		: LOW BATTERY WARNING INDICATOR
	LB	: UNIT LB INDICATOR
	TARE	: TARE INDICATOR
		: "STABLE" INDICATOR

5. CAPACITY AND DIVISION TABLE

Model Number	Capacity	Division		Resolution	
	Kg	Kg		Normal	High
600Kg	500	0.2	0.1	3,000	6,000
1000Kg	1,000	0.5	0.2	2,000	5,000
1500Kg	1,500	0.5	0.2	3,000	7,500
2000Kg	2,000	1	0.5	2,000	4,000
3000Kg	3,000	1	0.5	3,000	6,000
5000Kg	5,000	2	1	2,500	5,000
7500Kg	7,500	5	2	1,500	3,750
10000Kg	10,000	5	2	2,000	5,000
15000Kg	15,000	10	5	1,500	3,000
20000Kg	20,000	10	5	2,000	4,000
30000Kg	30,000	10	5	3,000	6,000
POWER SOURCE	By built-in 6V/10Ah rechargeable lead-acid battery and/or, AC adaptor output 12V DC 600mA(110V) or 12V DC 1000mA(220V)				
HOOK TYPE	Free rotate type for models 600kg to 10 ton Fixed type for models 10 ton and above				
TARE RANGE	Full range				
ZERO RANGE	maximum = 4% of rated capacity				

* To comply with the law of certain countries, the pound unit may be disabled.

5. OPERATING INSTRUCTION

Before weighing, make sure that the stable indicator is on.

6.1 PLACING THE SCALE

Hang this scale with a strong enough media where is free from RF interference, vibration, fire, direct sunlight and excessive moisture.

For safety reasons and best weighing result, always hang this scale and lift a load vertically.

6.2 POWER ON/OFF THE SCALE

Press ON/OFF key to turn scale ON and OFF

6.3 ZERO FUNCTION

When crane scale switch on with no load on the hook but there are remnant digits on screen, press ZERO key to reset weight displayed to 0.

6.4 HOLD FUNCTION

- Press HOLD key to hold the weight being display. For accuracy considerations, only press HOLD when weight is stable.
- After HOLD is pressed, the flashing weight value appears.
- To release weight value being held, press HOLD again.

6.5 CHANGE FUNCTION

- This series of crane scale has two different DIV. you can press this button to choose the one between them and to memorize your choice when switching off.

6.6 PLACING A LOAD

Always apply a load to hook gently. Sudden shock, excessive force or overloading the scale may cause damage to the weight sensor inside. It is a good practice to remove all loads from hook when not in used. This would prolong the lifetime of weight sensor.

6.7 RECHARGING THE SCALE

When low battery indicator appears, apply the AC adaptor to recharge the battery. Fail in doing may cause irrecoverable damage to the rechargeable battery.

6.8 BATTERY VOLTAGE

- When scale display voltage in scope 6.XX, it is normal.

- When scale display voltage in 5.95, you need to recharge the battery.
- When voltage lower than 5.65, scale will forcibly power off automatically.

6.9 LB INDICATOR

When this indicator is ON, the pound weight unit is being employed (this indicator may not be available in some certain countries)

7. REMOTE CONTROL

Pressing the corresponding key on the remote control can attain same control results.

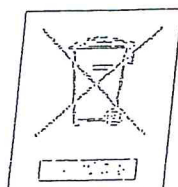
NOTE: All internal function settings can only be achieved through scale panel keys.

- a. Operation distance from scale to wireless remote control is 20 meters unobstructed.
- b. When remote control distance decreases, please replace by new battery
- c. Unique radio frequency is assigned to specified unit. Never change DIP switch setting of the wireless remote control.

8. CHECK INTERNAL A/D VALUE

Hold TARE key + press ON/OFF, screen will first display word "AD" then appear 05978 (for example), the normal A/D value scope within 4000~8000

9. BATTERY DISPOSAL



If you want to dispose the battery, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling. Please contact your local authorities for the correct method of disposal.

10. DAILY CARE AND MAINTENANCE

- a. Do not open scale for any reason. Contact your dealer for service.
- b. Avoid exposing scale to direct sunlight or excess moisture.
- c. Do not submerge scale in water or drop scale.
- d. Remove all loads from hook before transportation.
- e. Clean the scale with a soft and damp cloth, if necessary with mild detergent.

- f. Do not use any harsh, abrasive material; violate solvent thinner or alcohol for cleaning.
- g. Verify the accuracy of scale periodically. Re-calibrate the scale when needed.

NOTES: In some countries, calibration is restricted to be done by qualified or authorized agent only. Contact your dealer for more information.

- h. Store scale in a dry and cool place.

11. ACCESSORIES (OPTION)

A. HEAT SHIELD

A heat shield is designed to shield a substance from absorbing excessive heat from an outside source by either dissipating, reflecting or simply absorbing the heat. The hottest task for the crane scale is weighing a ladle containing molten metal, the temperature of the molten metal usually exceeds 1000°C (1800°F) and there is a great deal of direct heat radiation. TAWANKA provide the heat shield to protect the crane scale from the heat radiating, the distance between the crane scale and the heat source should be as great as possible. Suggested safe distance from the melting object:

- 1000°C, at least 1.6M
- 1200°C, at least 1.8M
- 1400°C, at least 1.9M
- 1600°C, at least 2.0M

B. AC-01N HANDHELD RF REMOTE CONTROL

AC-01N can connect PC (RS232) and SH-24 dot matrix printer.
Crane scale and AC-01N can do simultaneously display

C. AC-02N WIRELESS LED DISPLAY

Crane scale and AC-02N, can do simultaneously display