

CS/CCS

OPERATION MANUAL

PLEASE READ THIS MANUAL VERY CAREFULLY BEFORE OPERATING

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CAUTION

1. Never attempt to open this scale, no user serviceable parts inside.
2. Remove all loads from hook when not in use.
3. Do not remove the wire rope stopper. For safety reasons, always apply it.
4. Before weighing, check and make sure that all hanging /load- receiving elements/ devices are in good condition.
5. Crane scale is only suitable for hanging from a mechanical hook, e.g. a crane hook. Check whether the used crane hook or the lifting device is suitable for the suspended load.
6. Make sure that there are no persons or objects under the load which could be injured or damaged.
7. The scale is not suitable for weighing a person.
8. Load the scale only in vertical traction direction.
9. Always avoid vibrations and horizontal forces.

10. Prevent jolts, torsion and oscillation (e.g. by sloping appending) of all kinds. Be sure to prevent overloading the scales in excess of the stated maximum load, minus any tare weight that may possibly exist. This could damage the scale (risk of breakage). Do not use the crane scale to transport loads (e.g. traveling crane).
11. Never operate the scale in hazardous locations. The series design is not explosion-proof.
12. Structural alterations may not be made to the scale. This can lead to incorrect weighing results, faults concerning safety regulations as well as to destruction of the scale.
13. Avoid sudden and jerky acceleration or deceleration of the load (risk of breakage).



INSTALLATION INSTRUCTIONS

2.1 UNPACK this scale very carefully. Check and make sure that the following items are included:

- a. This operation manual
- b. CS/CCS series scale x 1
- c. AC adaptor x 1
- d. Wireless remote control x 1 (option)
- e. External battery pack x 1 (option)

Contact your dealer if any item is missing.

2.2 SECURING THE SCALE

2.2.1 This unit must be hanged via a strong media, e.g. a wire rope or a metal hook, to a firm support that can withstands at least 5 times of scale capacity.

2.2.2 Make sure that the crane scale is hanged vertically.

2.3 POWER THE SCALE

- a. This scale is powered by the built-in rechargeable battery and/or by an AC adapter

included. An external battery pack is available as option.

- b. Check and make sure that the voltage of the AC adaptor supplied matches with the voltage of the main output.
- c. Insert the output plug of AC adaptor firmly into the DC input jack of scale. The DC input jack is located underneath the back of the scale.
- d. Before first time use, charge the built-in rechargeable battery for at least 8 hours or until the charging indicator turns green.
- e. For safety reasons, do not share the same mains outlet with other apparatus.

2.4 OPTIMAL INSTALLATION REQUIREMENTS

For optimal results, it is recommended that this product should be installed in a location free from corrosive gas, dust, and electronic interference.

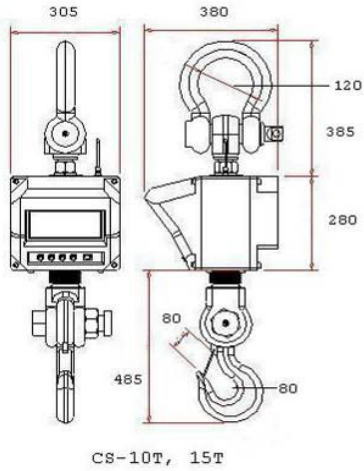
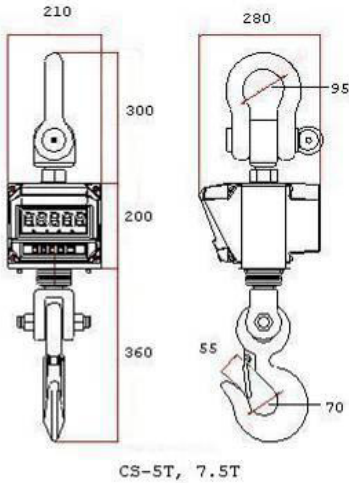
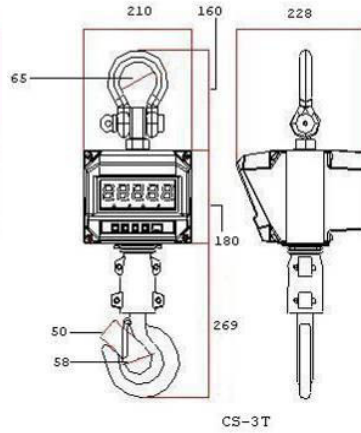
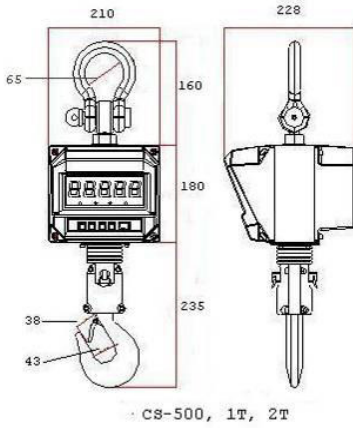
SPECIFICATIONS

Model Number	Capacity		Division		Recommended Min.	
	Kg	Pound*	Kg	Pound*	Load Applied	
CS-500	500	1000	0.2	0.5	4kg	10lb
CS-1T	1000	2000	0.5	1	10kg	20lb
CS-2T	2000	4400	1	2	20kg	40lb
CS-3T	3000	6600	1	2	20kg	40lb
CS-5T	5000	11000	2	5	40kg	100lb
CS-7.5T	7500	16000	5	10	100kg	200lb
CS-10T	10000	20000	5	10	100kg	200lb
CS-15T	15000	30000	5	10	100kg	200lb
CCS-60	60	120	00.2	0.05	0.4kg	1lb
CCS-150	150	300	00.5	0.1	1kg	2lb
CCS-300	300	600	0.1	0.2	2kg	4lb
CCS-600	600	1200	0.2	0.5	4kg	10lb
Power Source	By Built-in Rechargeable Battery and /or, AC Adaptor output = DC15V/500mA (CS) AC Adaptor output = DC9V/500mA (CCS)					
Hook Type	Free rotate type for CCS models, and CS models with capacity of 3000kg or below. Fixed type for CS models with capacity 5T and above.					
Tare Range	Full Range					
Zero Range	Maximum = 2% of Rated Capacity					
Options:	Wireless or Cable Remote Control, External Battery Pack					

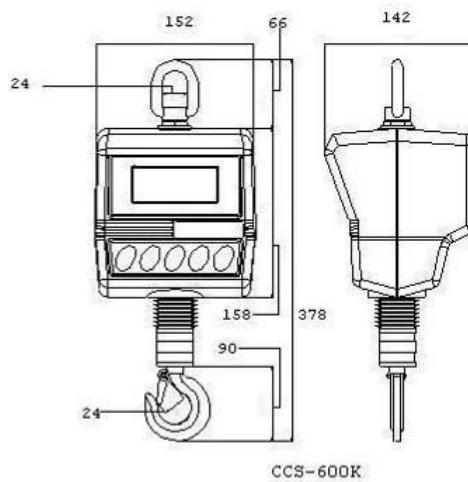
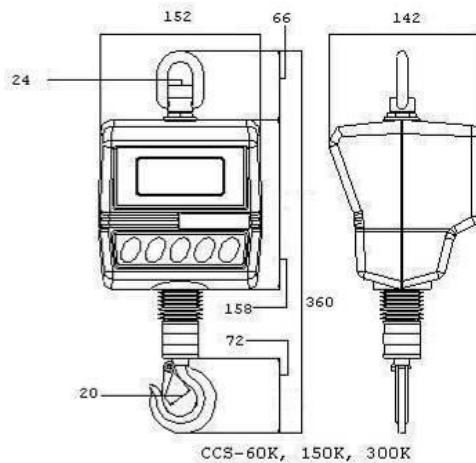
**To comply with the law of certain countries, the pound unit may be disabled. AC Adaptor might differ from country to country.*

Specifications and functions subject to change without prior notice.

DIMENSIONS FOR CS (mm)

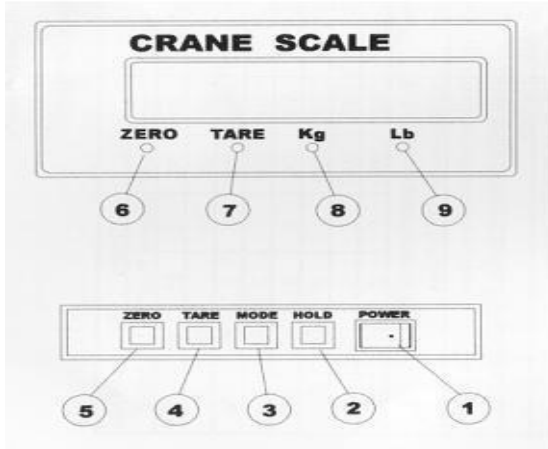


DIMENSIONS FOR CCS (mm)

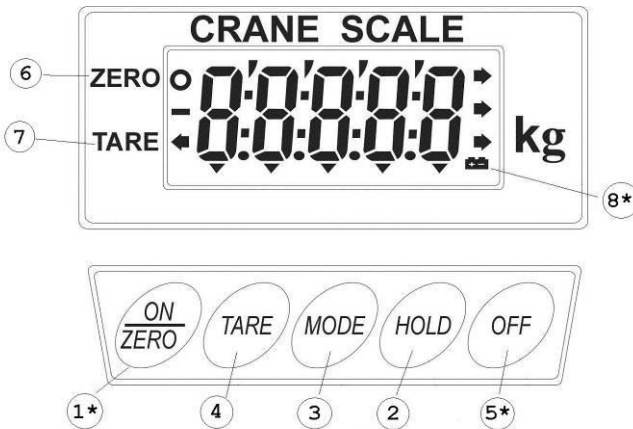


KEYBOARD LAYOUT

CS



CCS



KEYS AND INDICATORS

1. POWER/*ON KEY

Press this key to turn scale on/off. For CCS models, press this key to turn the scale on.

2. HOLD KEY

Press this key to hold/release the current weight being displayed/held.

3. MODE KEY

Press this key to switch between measurement units, or to convert a weight reading into the other unit of measurement. (In Metric System Countries, this key will be without any function.)

4. TARE KEY

Press this key to tare off the weight of a container or decrease value during function setting.

5. ZERO/*OFF KEY

Press this key to set weight to zero, or increase value during function setting. For CCS models, press the off key to turn the scale off.

6. ZERO INDICATOR

When the weight detected is at true zero, an arrow will appear and point at this sign.

7. TARE INDICATOR

When the tare function is being employed, an arrow will appear and point at this sign.

8. METRIC/*LOW BATTERY INDICATOR

When this indicator is on, the metric weight unit is being employed. For CCS models, low battery indicator appears when the battery needs recharging.

9. POUND INDICATOR

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

KEYS ON REMOTE CONTROL (OPTION)

10. ZERO KEY

Press this key to set weight to zero (max. zero range = 2% of rated capacity).

11. TARE KEY

Press this key to tare off the weight of a container.

12. MODE KEY

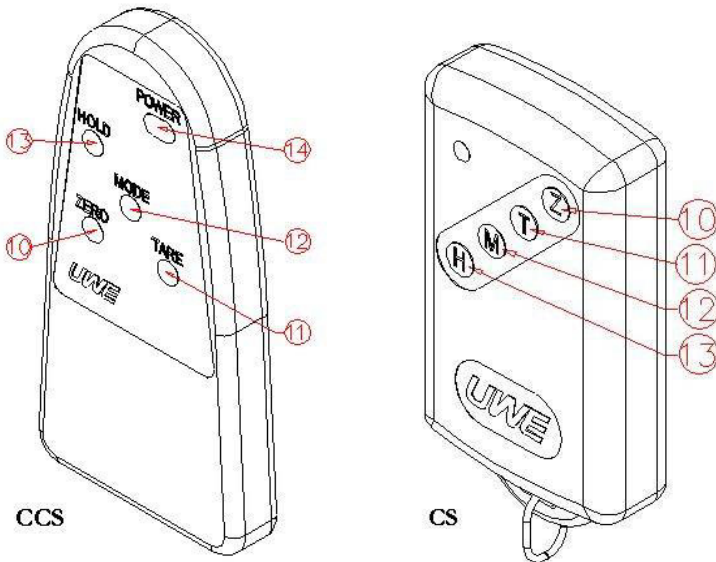
Press this key to shift between weight units.

13. HOLD KEY

Press this key to hold/release the current weight being displayed/ held.

14. POWER KEY

Press this key to turn the scale on/off.



INTERNAL FUNCTIONS

6.1 INTERNAL FUNCTION TABLE (CCS , CS-500~7.5T)

Function	Symbol	Description	NOTE
1	Fun-1	Scale configuration setting and dealer Calibration.	**
2	Fun-2	Display segment check.	
3	Fun-3	Off set value and span value reading.	**
4	Fun-4	Auto power off setting	

NOTE **:

For dealer and authorized personnel only. Inappropriate setting(s) will cause system failure. Contact your dealer for more information or service.

6.2 HOW TO ENTER THE REQUIRED FUNCTION MODE

- a. Turn scale off.
- b. Press and hold **TARE**, then turn scale on.
Scale displays Fun-1
- c. Press **TARE** until the required function number appears.
- d. Press **MODE**

- e. Press **MODE** until the required setting appears.
- f. Press **TARE** to confirm.
- g. Repeat step c to f for other function setting,
or
- h. Press **ZERO** to save settings and return to normal operation.

6.3 INTERNAL FUNCTIONS DESCRIPTION

Fun-1 Contact your dealer for more information.

Fun-2 To check all display segments work properly.

Fun-3 Contact your dealer for more information.

Fun-4 To set Auto Power Off Function.

Two modes are available: (Default = 4_OFF)

0._OFF = Auto Power Off Function is disabled.

4._OFF = Scale will automatically turned off after 4 minutes unused.

OPERATING INSTRUCTIONS

7.1 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.

7.2 POWER ON/OFF THE SCALE

Press **ON** to turn scale on.

Press **OFF** to turn scale off.

7.3 ZERO FUNCTION

If **ZERO INDICATOR** does not appear when scale is unloaded, press **ZERO** to reset weight displayed to zero. Refer to general specification table for maximum zero range.

7.4 TARE FUNCTION

7.4.1 To Tare Off the Weight of a Container

Apply a container to hook, then press **TARE** to tare off the weight of it. After the **TARE** is pressed, the **TARE INDICATOR** appears.

7.4.2 To Clear the Weight of a Container from memory

Remove the container from hook then press **TARE**. The tare indicator will go off indicating no container weight is resided in memory.

7.5 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.

7.6 WEIGHING FUNCTION

- a. Before weighing, make sure that the Zero Status Sign is on.
- b. Press **MODE** until the required weight unit appears.
- c. Apply subject matter to hook and the weight of it is displayed.
- d. For best weighing result, refer to general specification table for recommended minimum weight to be applied.

7.7 HOLDING THE WEIGHT BEING DISPLAYED

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

7.8 AUTO-HOLD FUNCTION

This function provides a smart way to reduce the waiting time for stable weighting.

While the weight is placed on the hook, an average weight value will be calculated and held on the display for few seconds depending on the Auto-Hold Time Period setting.

Auto-Hold Time Period setting:

1. Press **HOLD** key for about 2 seconds, the display will read "Hod._0"
2. Press the **HOLD** key to increase the time period for 3, 5, 8, 10, 12, 15, 17, 20 (sec.) in sequence.
3. Choose the time period, then wait for about 5 sec., it will be converted to normal operation automatically.

7.9 SHIFT BETWEEN DIFFERENT WEIGHT UNITS

Press **MODE** to shift different weight units.

NOTE: The pound unit may be not available in certain countries.

7.10 SWITCHING BACKLIGHT ON/OFF

Method 1: During operating process, the backlight can be switched ON/OFF by pressing the **MODE** key to shift to the desired status.

Method 2: When unloaded (weight=0), press and hold the **ON/ZERO** key for about 2 seconds to set backlight ON/OFF.

7.11 RECHARGING THE SCALE

7.11.1 When low battery signal appears, insert a charged external power pack or apply the AC adaptor to recharge the battery. Failure in doing so may cause irrecoverable damage to the rechargeable battery.

7.11.2 Low battery signal is represented by either case of the follows depends on operating status.

7.11.2.1 Low battery is detected when power on

Scale shows LOBAT after self-test down count but displaying zero weight.

7.11.2.2 Low battery is detected during operation

Weight display flashes once every 5 seconds.

7.12 REMOTE CONTROL

- a. 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.

- b. Operation distance from CS scale to wireless remote control is 10 meters unobstructed.
- c. Operation distance from CCS scale to wireless remote control is 6 meters unobstructed.
- d. When remote control distance decreases, change the battery located inside the wireless remote control.
- e. Unique radio frequency is assigned to specified unit. Never change DIP switch setting of the wireless remote control.

TROUBLESHOOTING

SCALE CANNOT BE TURNED ON

- ✓ **CHECK:** Is the built-in rechargeable battery charged?
- ACTION:** Recharge the battery for at least 8 hours during first time use or utilize the AC adaptor.

ZERO WEIGHT CANNOT BE ATTAINED WHEN TURNED ON

- ✓ **CHECK:** Is the scale hanged vertically?
- ACTION:** Check and try again.

- ✓ **CHECK:** Is any load applied to the hook?
- ACTION:** Remove all loads from hook. Turn scale off and turn on again.

- ✓ **CHECK:** Is the scale affected by airflow, vibration or RF interference?
- ACTION:** Place scale away from all disturbances and try again.

RATED CAPACITY CANNOT BE ATTAINED

- ✓ **CHECK:** Is TARE function being utilized?
- ACTION:** Remove all loads from hook, press **TARE** and try again.

SCALE DISPLAYS

- ✓ **CHECK:** Is the scale overloaded?
- ACTION:** Remove all loads from hook immediately and check again.

SCALE DOES NOT WEIGH CORRECTLY

- ✓ **CHECK:** Is the correct weight unit being utilized?
- ACTION:** Select the correct weight unit.

- ✓ **CHECK:** Is min. weight applied to scale?
- ACTION:** Refer to General Specifications for recommended min. load applied and try again.

- ✓ **CHECK:** Is the load lifted vertically?
- ACTION:** Remove all loads and retry.

- ✓ **CHECK:** Is the scale affected by airflow, vibration or RF interference?
ACTION: Place scale away from all disturbances.

- ✓ **CHECK:** Does the scale have the correct calibration?
ACTION: Contact your dealer.

SCALE TURNED OFF AUTOMATICALLY

- ✓ **CHECK:** Is the AUTO POWER OFF function being utilized?
ACTION: Disable the AUTO POWER OFF function.

- ✓ **CHECK:** Is the LOW BATTERY sign on?
ACTION: Insert a charged external battery pack or use AC adaptor.

WIRELESS REMOTE CONTROL DOES NOT FUNCTION

✓ **CHECK:** Is the distance between the scale and the wireless remote control exceeding maximum transmission range?

ACTION: Try again in a shorter distance.

✓ **CHECK:** Is the battery of the wireless remote control low?

ACTION: Change the battery with a new one.

✓ **CHECK:** Does the transmission frequency matches with the receiving frequency?

ACTION: Contact your dealer.

✓ **CHECK:** (For **CS** models only) Is the antenna correctly attached to the scale?

ACTION: Attach the antenna to the scale and try again.

WARRANTY

Warranty varies from country to country. In general, all products carry a one-year warranty from factory shipment. If other consumer protection laws are applied, please refer to your local dealer/representative for more information.

The warranty only applies to product failures due to defective materials and/or workmanship. It will be rendered invalid if, upon inspection, it is found that the product was abused; used in a way for which it was not designed; mishandled; placed in a hostile environment; repaired by unauthorized personnel; improperly installed or not adjusted in accordance with instructions given in this manual.

For service, please contact your local dealer.

DAILY CARE AND MAINTENANCE

- a. Do not open scale for any reason. Contact your dealer for servicing.
- 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.

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

- h. If the hanging hook or the hanging ring wears down due to attrition or appears defective, such as cracks or a change in shape, stop the use immediately and send it to an authorized dealer for repairs or for the replacement of the part, before resuming usage.
- i. Store scale in a dry and cool place.
- j. Charge the battery once every 3 months when not in use in order to keep the battery functioning properly.

SAFETY INSPECTION AND MAINTENANCE



For safety purposes, please refer to the information below:

1. Please use the diagram provided to perform the safety inspection and maintenance. The inspection should be documented using the checklists provided.
2. Regular inspection and maintenance should be performed by trained users who have knowledge of working with crane scales.
3. If any inspection result does not conform to the values in the checklist 1, please stop the operation of the crane scale **immediately** and send it for repairs.

4. Crane scales parts should only be replaced by trained professionals authorized by UWE.

5. It is strictly prohibited to disassembling and repairing of the crane scale by any personnel other than trained professionals authorized by UWE.

Procedure :

1. Crane scale should be inspected and maintained every 3 months by trained users. Each inspection and maintenance must be documented.
2. Crane scale must be sent every year to trained professionals (UWE authorized personnel) for full inspection and maintenance, including safety and accuracy tests (sending the crane scale to accredited lab (CNLA) for accuracy testing if necessary).

3. All inspection and maintenance results must be documented on the checklist 1.
4. Inspection and maintenance carried out by trained professionals must be documented on yearly row in checklist 1.
5. All parts replaced by trained professionals must be documented on checklist 2.
6. When performing regular inspection, please take into the consideration the national laws and regulations for worker safety.

Regular inspection and maintenance:

Every 3 months or every 10,000 weighings:

(Please use checklist 1 for record keeping)

1. Use Checklist 1 and the diagram provided to check parts for wear, deformation and fractures.

2. Inspect hanging ring, shackle, upper and lower screws, hook, bolts, and latch for abnormal conditions: for example, mechanical damage, fractures, rust or deformation.
3. Inspect upper screw / bolt and nut (shackle) and lower screw / bolt and nut (above the hook) and other removable parts to make sure they are firmly tightened and operational.

Results: If the dimension of the part inspected does not conform to the values in Checklist 1, or if there are any other discrepancies, remove the scale from operation **immediately**. The scale must be sent to be repaired **ONLY** by trained professionals authorized by UWE.

Every year or every 40,000 weighings:

The crane scale must be inspected by trained professionals authorized by UWE for full inspection, including safety inspections for wear, fractures, deformation, tightness of bolts and nuts, and test of accuracy of the scale (sending scale to an accredited lab (CNLA) for evaluation if necessary).

After 5 years or 200,000 weighings:

All load carrying parts needs to be replaced by trained professionals. Use Checklist 2 to document all each replaced part.

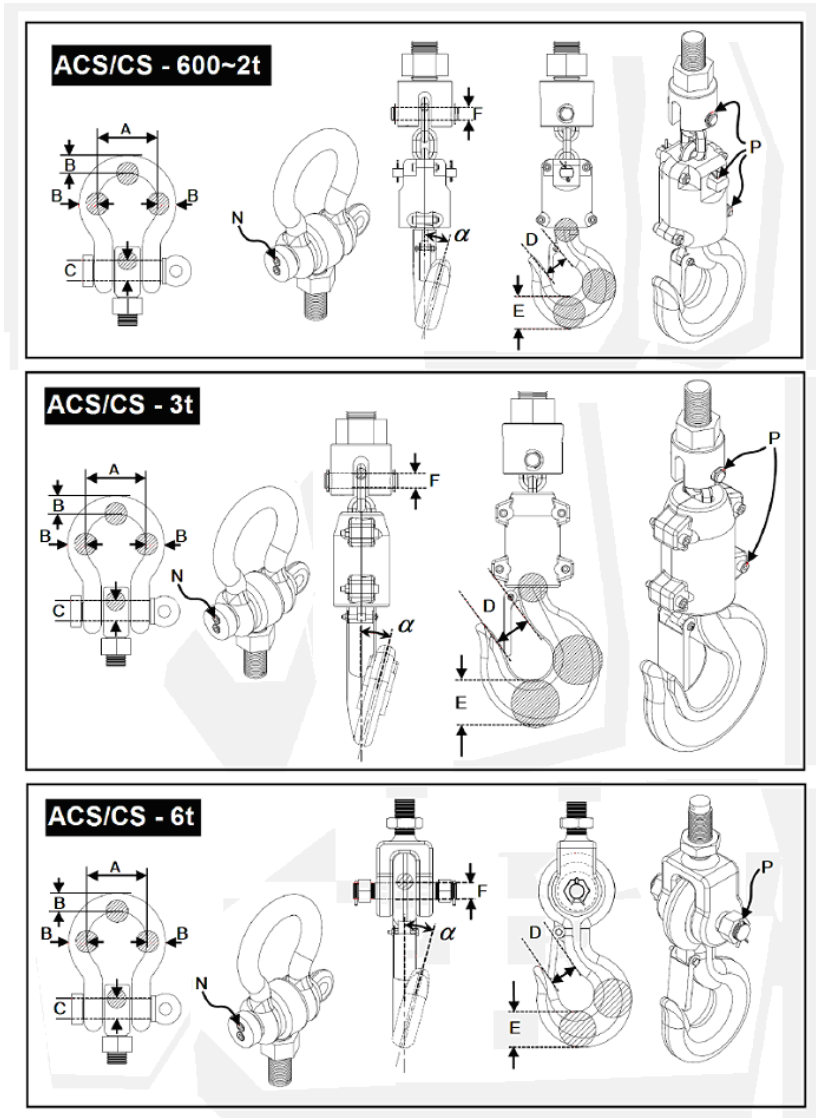
After 10 years or 400,000 weighings:

Replace the scale completely.

Remark: When performing regular inspection, please use the Checklist 1 provided for inspection categories and record keeping.

*The next diagram represents the most important points for safety inspection. Please inspect these parts carefully. Other parts not represented in the diagram still need to be inspected regularly.

Diagram



Checklist 1

CHECKLIST 1: FOR REGULAR SAFETY INSPECTION (regular inspection documentation)

Model: _____		Max. Capacity: _____ kg		Serial No.: _____		Date	Inspector Signature					
Interval	Category	Shackle / Upper Screw / Hanging Ring / Bolt			Hook / Lower Screw / Bolt / Latch							
		A	B	C	N Bolt/ Nut	D	E	F	Angle α	Wear	P Bolt / Latch	
	Max. Allowed Difference	0%	5%	5%	Fractures or Deformation	Tightness	10%	5%	5%	10°	Fractures or Deformation	Functioning Properly
	Initial Check-up before 1st use											
	3 months / 10,000 weighings											
	6 month / 20,000 weighings											
	9 month / 30,000 weighings											
	1 year / 40,000 weighings											
	15 months / 50,000 weighings											
	18 months / 60,000 weighings											
	21 months / 70,000 weighings											
	2 year / 80,000 weighings											
	27 months / 90,000 weighings											

Checklist 1

Interval	Shackle / Upper Screw / Hanging Ring / Bolt					Hook / Lower Screw / Bolt / Latch					Date	Inspector Signature	
	A	B	C	Wear	N Bolt/ Nut	D	E	F	Angle α	Wear			P Bolt / Latch
Max. Allowed Difference	0%	5%	5%	Fractures or Deformation	Tightness	10%	5%	5%	10°	Fractures or Deformation	Functioning Properly		
30 months / 100,000 weighings													
33 months / 110,000 weighings													
3 years / 120,000 weighings													
39 months / 130,000 weighings													
42 months / 140,000 weighings													
45 months / 150,000 weighings													
4 years / 160,000 weighings													
51 months / 170,000 weighings													
54 months / 180,000 weighings													
57 months / 190,000 weighings													
5 years / 200,000 weighings													

All load carrying parts must be replaced by trained technicians

Checklist 2:

CHECKLIST 2: PROOF OF REPLACEMENT AND REPAIR OF SAFETY RELEVANT PARTS (Technicians Only)
 Model: _____ Max Capacity: _____ kg Serial No.: _____

Replacement Date	Name and Specification of the part replaced	Reason for Replacement	Replaced by	Remark
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TÜV CERTIFICATES

We, at UWE, value quality and safety above all for our scales.

Therefore, each of our CS and CCS models has undergone rigorous TÜV test No. Z1A 06 03 54086 002 to ensure its safety and reliability before it is shipped from the factory.

Our mission statement is to bring a reliable scale in which users can depend on for years to come.



Product Service

CERTIFICATE

No. Z1A 06 03 54086 002

Holder of Certificate: Universal Weight Enterprise
Co., Ltd. 2-5 Floor No. 39
 Pao Shing Road Hsien City
 231 Taipei Hsien
 TAIWAN

Certification Mark:



Product: Scales, Measuring equipment
 Digital Crane Scale

The product meets the requirements of the German Equipment and Product Safety Act. The Certification marks shown above can be affixed on the product. The use of the GS-Mark is permitted until the listed date, the use of the TÜV-Mark is unlimited, unless it is cancelled. See also notes overleaf.

Test report no.: 70085483

GS-Mark valid until: 2010-10-20

Date, 2006-03-06

Page 1 of 2





Product Service

CERTIFICATE

No. Z1A 06 08 54086 003

Model(s):

Type: CS Series

**CCS-60, CCS-150, CCS-300, CCS-600
CS-1T, CS-2T, CS-3T, CS-5T, CS-7,5T**

Parameters:

Rated voltage: 6 VDC (accumulators 4 Ah and 10 Ah)
 Rated current: CCS-60 0,037 A
 CCS-150 0,034 A
 CCS-300 0,034 A
 CCS-600 0,034 A
 CS-1T 0,066 A
 CS-2T 0,066 A
 CS-3T 0,067 A
 CS-5T 0,067 A
 CS-7,5T 0,069 A

Protection class: III

Degree of protection: IP 20, indoor use

Rated load: CCS-60 max. 60 kg
 CCS-150 max. 150 kg
 CCS-300 max. 300 kg
 CCS-600 max. 600 kg
 CS-1T max. 1000 kg
 CS-2T max. 2000 kg
 CS-3T max. 3000 kg
 CS-5T max. 5000 kg
 CS-7,5T max. 7500 kg

The crane scales are only usable with tested hooks and clevises.

Tested according to:

EN 61010-1:2002
 EN 13155:2003 (soweit anwendbar)
 MPA-PA 52210-01

Factory(ies):

54086

CS-1T

PROOF TEST REPORT

REFERENCE NO:UCS-	ISSUE DATE: / /
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Serial No:	Description	Safe Working Load (Kg)	Proof load Applied (Kg)
	CS-1T (1,000kg, 0.5kg)	1,000	2,000 <input type="checkbox"/>
		1,000	2,000 <input type="checkbox"/>
		1,000	2,000 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL:CS-1T			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
200			<input type="checkbox"/> + <input type="checkbox"/> -
500			<input type="checkbox"/> + <input type="checkbox"/> -
1,000			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT _____
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. Authorized Signature

CS-2T

PROOF TEST REPORT

REFERENCE NO:UCS-	ISSUE DATE: / /
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Serial No:	Description of item (Make, Model & capacity)	Safe Working Load (Kg)	Proof load Applied (Kg)
	CS-2T (2,000kg, 1.0kg)	2,000	5,000 <input type="checkbox"/>
		2,000	5,000 <input type="checkbox"/>
		2,000	5,000 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL:CS-2T			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
500			<input type="checkbox"/> + <input type="checkbox"/> -
1,000			<input type="checkbox"/> + <input type="checkbox"/> -
2,000			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT _____
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. Authorized Signature

CS-3T

PROOF TEST REPORT

REFERENCE NO:UCS-	ISSUE DATE: / /
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Serial No:	Description of item (Make, Model & capacity)	Safe Working Load (Kg)	Proof load Applied (Kg)
	CS-3T (3,000kg, 1.0kg)	3,000	5,000 <input type="checkbox"/>
		3,000	5,000 <input type="checkbox"/>
		3,000	5,000 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL:CS-3T			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
1,000			<input type="checkbox"/> + <input type="checkbox"/> -
2,000			<input type="checkbox"/> + <input type="checkbox"/> -
3,000			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT _____
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. Authorized Signature

CS-5T

PROOF TEST REPORT

REFERENCE NO: UCS-	ISSUE DATE: / /
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Serial No:	Description of item (Make, Model & capacity)	Safe Working Load (Kg)	Proof load Applied (Kg)
	CS-5T (5,000kg, 2.0kg)	5,000	10,000 <input type="checkbox"/>
		5,000	10,000 <input type="checkbox"/>
		5,000	10,000 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL: CS-5T			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
1,000			<input type="checkbox"/> + <input type="checkbox"/> -
2,000			<input type="checkbox"/> + <input type="checkbox"/> -
5,000			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT _____
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. Authorized Signature

CS-7.5T

PROOF TEST REPORT

REFERENCE NO:UCS-	ISSUE DATE: / /
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Serial No:	Description of item (Make, Model & capacity)	Safe Working Load (Kg)	Proof load Applied (Kg)
	CS-7.5T (7,500kg, 5.0kg)	7,500	10,000 <input type="checkbox"/>
		7,500	10,000 <input type="checkbox"/>
		7,500	10,000 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL:CS-7.5T			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
2,000			<input type="checkbox"/> + <input type="checkbox"/> -
5,000			<input type="checkbox"/> + <input type="checkbox"/> -
7,000			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT _____
 UNIVERSAL WEIGHT ENTERPRISE CO., LTD. Authorized Signature

CCS-60K

PROOF TEST REPORT

REFERENCE NO:UCS-	ISSUE DATE: / /
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Serial No:	Description	Safe Working Load (Kg)	Proof load Applied (Kg)
	CCS-60K (60kg, 0.02kg)	60	120 <input type="checkbox"/>
		60	120 <input type="checkbox"/>
		60	120 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL:CCS-60K			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
20			<input type="checkbox"/> + <input type="checkbox"/> -
40			<input type="checkbox"/> + <input type="checkbox"/> -
60			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. _____ Authorized Signature

CCS-150K

PROOF TEST REPORT

REFERENCE NO: UCS-	ISSUE DATE: / /
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Serial No:	Description of item (Make, Model & capacity)	Safe Working Load (Kg)	Proof load Applied (Kg)
	CCS-150K (150kg, 0.05kg)	150	300 <input type="checkbox"/>
		150	300 <input type="checkbox"/>
		150	300 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL: CCS-150K			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
50			<input type="checkbox"/> + <input type="checkbox"/> -
100			<input type="checkbox"/> + <input type="checkbox"/> -
150			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT _____
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. Authorized Signature

CCS-600K

PROOF TEST REPORT

REFERENCE NO:UCS-	ISSUE DATE: / /
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Serial No:	Description of item (Make, Model & capacity)	Safe Working Load (Kg)	Proof load Applied (Kg)
	CCS-600K (600kg, 0.2kg)	600	1,200 <input type="checkbox"/>
		600	1,200 <input type="checkbox"/>
		600	1,200 <input type="checkbox"/>



The above test was conducted by Universal Weight Enterprise Co., Ltd.'s Quality Control Department in accordance with TUV Certificate No. Z1A 06 03 54086 002

TEST REPORT

MODEL:CCS-600K			
WEIGHT MASS (Kg)	SCALE READING (Kg)	RETURN TO ZERO POINT (Kg)	DISCREPANCY VALUE
200			<input type="checkbox"/> + <input type="checkbox"/> -
500			<input type="checkbox"/> + <input type="checkbox"/> -
600			<input type="checkbox"/> + <input type="checkbox"/> -

The above test was conducted followed by the proof test. :

Batch No. for safety check : :

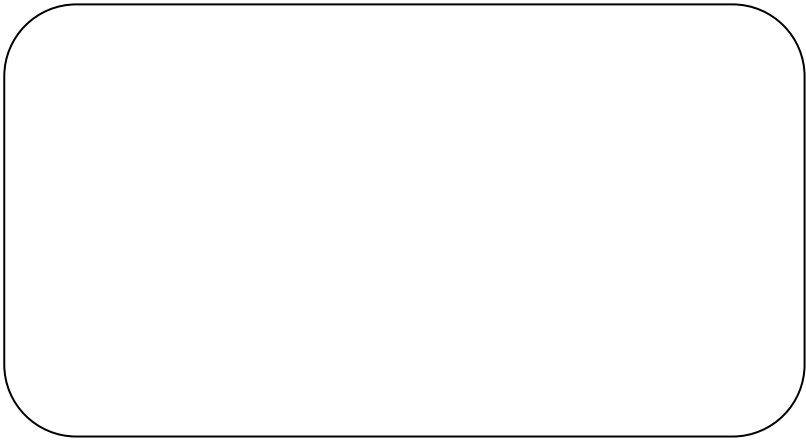
L/C Upper Support: _____

L/C Lower Support: _____

Hanging Hook: _____

Hanging Ring: _____

QUALITY CONTROL DEPARTMENT
UNIVERSAL WEIGHT ENTERPRISE CO., LTD. _____ Authorized Signature



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