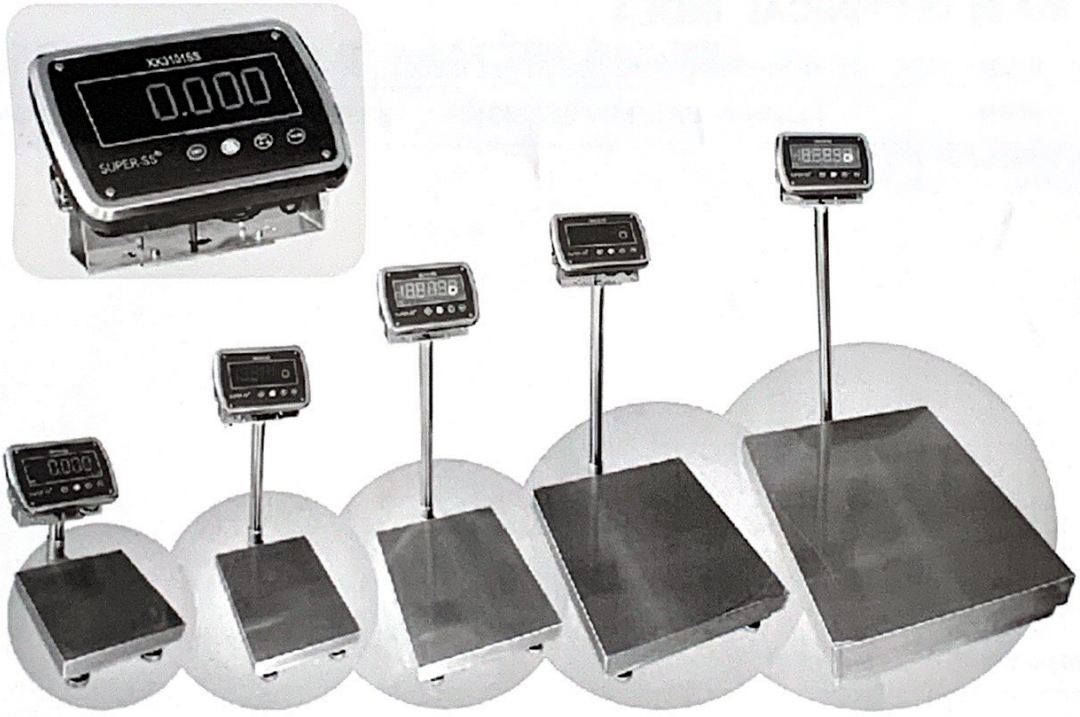
XK3101SS ELECTRONIC WEIGHING INDICATOR

TCS-SS STAINLESS STEEL WATERPROOF ELECTRONIC PLATFORM SCALE

USER'S MANUAL



PREFACE

THE PRODUCTS ARE SERIES TOP GRADE FULL STAINLESS STEEL ELECTRONIC WEIGHING INDICATOR AND STAINLESS STEEL WATERPROOF PLATFORM SCALE, WE USED THE LATEST HIGH-TECH, IT HAS THE CHARACTERISTIC OF HIGH PRECISION, DISPLAY CELERITY, DURABLE, BEST AFTER SALE SERVICES, GOOD CORROSION-PROOF. VARIOUS MEASURES ADOPTED TO ENSURE IT' S EXCELLENT WATERPROOF AND DAMPPROOF.IT IS WIDELY USED FOR NOT ONLY RETAIL STORES, RATION PACKING BUT ALSO FOR HIGH HUMIDITY SURROUNDING OF FOOD AND SEAFOOD PACKING. WE HAD GET SEVERAL NATIONAL PATENTS FOR THE PRODUCTS.
PLEASE READ THE INSTRUCTION MANUAL BEFORE USAGE.

1 MAIN TECHNICAL INDEX

1.1 BASIC DATA OF XK3101SS STAINLESS STEEL INDICATOR:

ITEM	LITHIUM BATTERY VERSION	LEAD-ACID BATTERY VERSION
WATERPROOF AND DUSTPROOF GRADE	IP68	
OVERALL DIMENSION (W X T X H)	254×86×170 mm	
ACCURACY OF INDICATOR	3000~15000	
HEIGHT OF WEIGHING LED "8"	36mm	
HEIGHT OF WEIGHING LCD "8"	43mm	
ZERO RANGE	±4%	
TARE RANGE	100%	
RECHARGEABLE BATTERY	5V/4000mAH LITHIUM BATTERY	6V/4500mAH LEAD-ACID BATTERY
TRANSFORMER	5V/2A ELECTRONIC 100~240V/50~60Hz	9V/1A ELECTRONIC 100~240V/50~60Hz
T TYPE FRAME ASSEMBLY	OPTIONAL ASSEMBLY, FOR INSTALL 38mm POLE, INCLUDES STAINLESS STEEL T TYPE FRAME 1PC, STAINLESS STEEL TUBE SUPPORT 1PC, M6×8 JACKSCREW 2PCS, L TYPE SMALL WRENCH 1PC, M4×8 STAINLESS STEEL SCREW 4PCS	
232 INTERFACE	OPTIONAL	
485 INTERFACE	OPTIONAL	

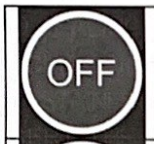
1.2 BASIC DATA OF FULL STAINLESS STEEL PLATFORM :

PLATE SIZE	2828cm	3040cm	4050cm	5060cm	6080cm
WATERPROOF AND DUSTPROOF GRADE	IP68				
CAPACITY	15/30/60kg	30/60/150kg	60/150/300kg	60/150/300kg	150/300/600kg
LOAD CELL SIZE mm	150×35×40	150×44×40	150×60×62	150×60×62	150×90×74 SIDE HOLE

1.3 WORKING TEMPERATURE : -5~+35℃
1.4 STORAGE TEMPERATURE : -25~50℃

2 KEYBOARD AND CHARACTER PROMPT

2.1 KEYBOARD

	TURN OFF KEY
	TURN ON/ZERO KEY
	SET/FIG. KEY. SET PARAMETER AND INPUT FIG
	TARE KEY

2.2 CHARACTER PROMPT

INDICATION	MEANING
3101.x	SOFTWARE VERSION NUMBER
dc x.xx	AFTER POWER ON, IT SHOW THIS PROMPT, MEAN THE VOLTAGE OF BATTERY IS x.xxV
Err-00	AFTER POWER ON, LOAD CELL WIRING ERROR OR AD ERROR
Err-01	CALIBRATION SWITCH IS NOT SHORT WHILE CALIBRATING
Err-02	COUNTING MODE, UNDERSAMPLING
Err-03	WHEN CALIBRATING, THE PLACED WEIGHT IS TOO SMALL, REFUSE TO CALIBRATE, THE WEIGHT SHOULD MORE THAN 10% MAX.CAPACITY
- - - -	OVERLOAD, SHOW THIS AS THE WEIGHT OVER 100%FS+9E, WITH THE DING SOUNDING, THIS MEANS OVER LOAD, REDUCE THE WEIGHT

3 OPERATION GUIDE

3.1 INSTALL AND ADJUST

3.1.1 STAINLESS STEEL INDICATOR

OPEN THE BACK COVER OF INDICATOR, WELDING THE LEADS OF LOAD CELL BY COLOUR, RING THE WELDING POINT WITH HEAT SHRINKABLE TUBE, CONTRACTION AFTER HEATING, THEN PLACE ALL THE LINES INTO SEALING BOWL, FIX THE LINES AND SEALING BY 704 GLUE, AIR DRY AFTER ONE HOUR. MEANING : RED(POWER+), BLACK(POWER-), GREEN(SIGNAL+), WHITE(SINGAL-)

3.1.2 STAINLESS STEEL PLATFORM SCALE

INSERT THE POLE INTO PLATFORM BASE AND FIX IT BY L TYPE SMALL WRENCH, THEN INSTALL INDICATOR ON T TYPE FRAME.

3.2 TURN ON AND TURN OFF

① TURN ON:

PRESS <ON/ZERO> KEY, CURRENT CONNECTED, THE "DING" SOUNDED, IT DISPLAYS SOFTWARE VERSION, dc-x.xx(VOLTAGE OF BATTERY IS 3.0~4.2V), SELF-INSPECTION, 9,8,7···1,0, THE **"ZERO"** LAMP LIGHTING. NOW IT IS IN A WORKING STATE.

② TURN OFF:

PRESS <OFF> KEY.

③ AUTO TURN OFF:

WHEN SCALE IS IN AUTO OFF STATE. IT WILL BE AUTO OFF AFTER 10 MINUTES WHEN SCALE IS AT ZERO AND NO OPERATION. (SEE 3.9.3)

④ LOW VOLTAGE OFF:

WHEN THE VOLTAGE IS TOO LOW, IT WILL AUTO TURN OFF.

3.3 ZERO

WHEN WITHOUT TARING THE WEIGHT DISPLAY IS ≤4% MAX. CAPA., , PRESS <ON /ZERO>, THE DISPLAY SHOWS " 0 ", "ZERO" LAMP LIGHTING.

3.4 WEIGHING

PUT WEIGHT TO PAN, IT SHOWS THE WEIGHT,  LAMP LIGHTING.

3.5 TARE WEIGHING

FIRST PUT A CONTAINER ON PLATE, PRESS <TARE >, IT SHOWS 0, "ZERO" LAMP OFF, "TARE" LAMP LIGHTING, PUT THE WEIGHT ON CONTAINER IT WLL SHOW NET WEIGHT. REMOVE THE WEIGHT AND CONTAINER TOGETHER, IT DISPLAYS NEGATIVE TARE, "ZERO" LAMP LIGHTING. NOW PRESS <TARE >, "TARE" LAMP OFF, RETURN TO NORMAL STATE.

3.6 SAVE POWER FUNCTION

ZERO AFTER 40 SECONDS, AUTO SAVE POWER, SHOWS "o ". PUT A WEIGHT, START WEIGHING.

3.7 BATTERY INDICATE

BATTERY LAMP	BATTERY VOLTAGE
	FULL CAPACITY
	HALF CAPACITY
	LOW BATTERY
 **FLASHING**	WILL AUTO TURN OFF

3.8 CHARGE

PUT THE PLUG IN THE SOCKET, ~ IS CHARGING LAMP,  IS LIGHTING WHEN CHARGING.

SHOW VOLTAGE: AFTER POWER ON AND ON "0", THE SAME TIME PRESS <ON /ZERO> AND <TARE > THREE SECONDS, NOW DISPLAY THE BATTERY VOLTAGE, PRESS <SET/0~9> TO EXIT.

3.9 SET AND USE PARAMETER

PRESS <SET/0~9>3 SECONDS, ENTER SET AND SHOW MAIN MENU, PRESS <SET/0~9> CONTINUOUS, IT DISPLAYS:

rAngE(SET LIMIT)
UnItS(CHOOSE UNIT)
A-OFF (CHOOSE AUTO POWER OFF)
FILt(SET DISPLAY MODE)
ZEro(SET AUTO ZERO)
bUZZE(SET BUZZLE)
d(CHOOSE DIVISION)
LU-(BRIGHTNESS ADJUSTING)

3.9.1 rAngE(SET UPPER AND LOW LIMIT)

3.9.1.1 WHEN IT SHOWS rAngE, PRESS <TARE> ENTER TO SET LIMIT, PRESS <SET/0~9> TO CHOOSE on OR oFF, on IS START LIMIT FUNCTION, Off IS EXIT LIMIT FUNCTION, PRESS <TARE> TO CONFIRM.

3.9.1.2 WHEN CHOOSE on AND PRESS <TARE>, NOW ENTER TO SET LIMIT, "UNDER" LAMP IS LIGHTING , MAX FIGURE IS BLINKING, PRESS<SET/0~9> ONCE TO ADD 1, PRESS <TARE> TO CONFIRM, WHEN FINISHING AUTO EXIT AND SET "OVER"(SAME AS SET UNDER LIMIT).AFTER FINISH SETTING INTO WEIGHING.

3.9.1.3 WHEN LOW LIMIT > HIGH LIMIT, IT DISPLAYS OFF, THEN EXIT.

3.9.1.4 ALARMING INDICATE:m IS THE WEIGHT

WHEN m≥HIGH LIMIT, **"OVER"** LAMP IS LIGHTING AND FLICKERING.

WHEN LOW LIMIT < m < HIGH LIMIT, **"ACCEPT"** LAMP IS LIGHTING(NOT FLICKERING).

WHEN m≤LOW LIMIT, **"UNDER"** LAMP IS LIGHTING.

CAUTION: WHEN THE DISPLAY IS NOT STABILIZATION, NO LAMP LIGHTS.

3.9.2 UnItS(CHOOSE UNIT)

3.9.2.1 WHEN IT DISPLAYS UnItS, PRESS <TARE> TO ENTER, PRESS <SET/0~9> TO CHANGE, PRESS <TARE> TO CONFIRM. UNITS: H9(KG)、PcS (COUNTING)、Lb.Lb(DECIMAL POUNDS)

3.9.2.2 COUNTING: WHEN IT DISPLAYS "PCS", PRESS<TARE>. NOW "PCS" LAMP LIGHTING. LONGTIME PRESS<ON/ZERO>, IT DISPLAYS COUNT AND RETURN TO 0. THEN PUT THE SAMPLE (AS MUCH AS POSSIBLE, BUT DON'T MORE THAN MAX.CAPACITY), AFTER STABLE, PRESS<TARE>. PRESS <SET/0~9> TO ADD 1 AND PRESS<TARE>TO CHOOSE. AFTER FINISHING IT DISPLAY PCS AND PCS LAMP LIGHTING.

EXIT COUNTING: CHOOSE A UNIT.

CAUTION: PICK QUANTITIES OF MAX LESS 30000

3.9.3 A-oFF (CHOOSE AUTO POWER OFF)

WHEN IT DISPLAYS A-oFF, PRESS <TARE> TO ENTER, PRESS <SET/0~9> TO CHOOSE n OR y, n IS NOT IN AUTO POWER OFF SITUATION, y IS AFTER 10 MINUTES IN ZEROING, AUTO-OFF.

3.9.4 FILt(SET DISPLAY MODE)

WHEN IT DISPLAYS FILt, PRESS <TARE>TO ENTER, PRESS <SET/0~9> TO CHOOSE FILt-1 OR FILt-2 OR FILt-3 OR FILt-4, PRESS <TARE>TO CONFIRM.

FILt-1: SINGLE ANIMAL SCALE FUNCTION, AFTER PLACE WEIGHT, WEIGHT LOCKED IN 3 SECONDS, ◣◢ LIGHTING, UNLOCKED AFTER REDUCE MORE THAN HALF PLACED WEIGHT, CAN NOT USE FOR TRADE SETTLEMENT

FILt-2: MANY ANIMALS SCALE FUNCTION, AFTER PLACE WEIGHT, IT SHOWS VERY SLOWLY, THEN ◣◢ LIGHTING, CAN USE FOR TRADE SETTLEMENT

FILt-3: WHEN ADD WEIGHT TO SCALE, IT WILL SHOW FAST. (SUGGESTION)

FILt-4: WHEN ADD WEIGHT TO SCALE, IT WILL SHOW MORE FASTER.

3.9.5 ZEro(SET AUTO ZERO RANGE)

WHEN IT DISPLAYS ZEro, PRESS <TARE>TO ENTER, IT DISPLAYS ZEro x.x(x.x IS AUTO ZERO RANGE: 0.5d,1d,1.5d,2d,2.5d,3d,3.5d,4d,4.5d AND 5d,d IS DIVISION VALUE WHEN n=3000), PRESS <SET/0~9> TO CHOOSE, PRESS <TARE> TO CONFIRM AND RETURN WEIGHING.

3.9.6 bUZZE(SET BUZZLE IN UPPER AND LOWER LIMIT SITUATION)

WHEN IT DISPLAYS bUZZEr, PRESS <TARE> TO ENTER, PRESS <SET/0~9> TO CHOOSE on OR oFF, on IS USING "DING..." SOUND IN UPPER AND LOWER LIMIT SITUATION, oFF IS WITHOUT "DING..." SOUND.

3.9.7 d(CHOOSE DIVISION)

WHEN IT DISPLAYS d, PRESS <TARE> TO ENTER, PRESS <SET/0~9> TO CHOOSE DIVISION, PRESS <TARE> TO CONFIRM, THERE HAVE THREE DIVISIONS OF EACH CAPACITY. WHEN YOU CHOOSE THE LITTLE ONE, THE SPEED OF DISPLAY WILL BE SLOWER.

3.9.8 LU- (BRIGHTNESS ADJUSTING)

WHEN IT DISPLAYS LU-, PRESS <TARE> TO ENTER, PRESS <SET/0~9> TO

CHOOSE , LU-1 IS LOWER BRIGHTNESS , LU-2 IS HIGHER BRIGHTNESS, PRESS <TARE> TO CONFIRM.

4 NOTES

4.1 NORMAL NOTE

4.1.1 PLEASE READ THE INSTRUCTION MANUAL BEFORE USAGE.

4.1.2 PLEASE CALIBRATE SCALE REGULARLY.

4.1.3 DO NOT OVERLOADING. DO NOT THROW HEAVY THINGS ON THE SCALE VIOLENTLY. THE DAMAGE FOR OVERLOADING IS NOT WITHIN THE RANGE OF GUARANTEED MAINTENANCE.

4.1.4 DON'T TOUCH CHEMICALS SUCH LIKE SOLVENT, ETC.

4.1.5 EEP THE SCALE CLEAN IN ORDER TO WEIGHING WELL.

4.1.6 THERE IS A LEAD SEAL ON THE BOTTOM OF THE SCALE. USERS ARE NOT ALLOWED TO REMOVE THE SEAL. IF THE SEAL IS DAMAGED THE SCALE IS NOT GUARANTEED FOR MAINTENANCE.

4.2 FOR SEALED LITHIUM BATTERY

4.2.1 THE WORKING TEMPERATURE OF BATTERY IS -10℃~+50℃. IT CAN BE CIRCLE CHARGED ABOUT 500 TIMES AT 20℃.

4.2.2 PLEASE DON'T CHANGE BATTERY BY YOURSELF.

4.2.3 PLEASE CHARGE IN TIME. PLEASE FULL CHARGE IF YOU DON'T USE THE SCALE FOR A LONG TIME. PLEASE CHARGE AT LEAST EVERY 3 MONTHS.

4.2.4 THE CAPACITY OF BATTERY WILL BE REDUCED AFTER CHARGE/DISCHARGE MANY TIMES.

5 CALIBRATION

5.1 PUSH THE ADJUST KEY TO SWITCH ON (THE ADJUST KEY IS IN INDICATOR), PRESS <ON/ZERO> TO TURN ON, AFTER SELF-INSPECTION IT COMES INTO WEIGHING(NO WIND AND QUAKING) AND UNDER ZERO;

5.2 THE SAME TIME PRESS <SET/0~9> AND <ON/ZERO> 3 SECONDS, IT SHOWS THE LAST CAPACITY, FOR EXAMPLE c-60 MEANS 60kg. PRESS <SET/0~9> TO CHOOSE c-30, c-60, c-100, c-150, c-200, c-300, c-600, c-1500, c-3000, c-6000 (C IS CAPACITY, UNIT IS kg);

5.3 PRESS <TARE> TO CONFIRM;

5.4 NOW DISPLAY INTERNAL NUMBER 0, IF IT IS NOT 0, PRESS <ON/ZERO> TO ZERO;

5.5 PLACE MORE THAN 10% MAX.CAPACITY STANDARD WEIGHTS ON PLATE, AFTER INTERNAL NUMBER IS STABLE, PRESS <TARE> TO INPUT THE VALUE OF WEIGHTS, PRESS <SET/0~9> TO ADD 1, PRESS <TARE> TO INPUT NEXT VALUE, TILL TO FINISH, IT SHOWS CAEnd ONE SECOND, RETURN TO WEIGHING. PLEASE ATTENTION THE PLACE OF DECIMAL WHEN INPUTING;

5.6 IF DISPLAY Err03, MEANS CALIBRATION FAULT. THE REASON IS: WEIGHTS ARE TOO SMALL OR INPUT WRONG VALUE.