Counting Series

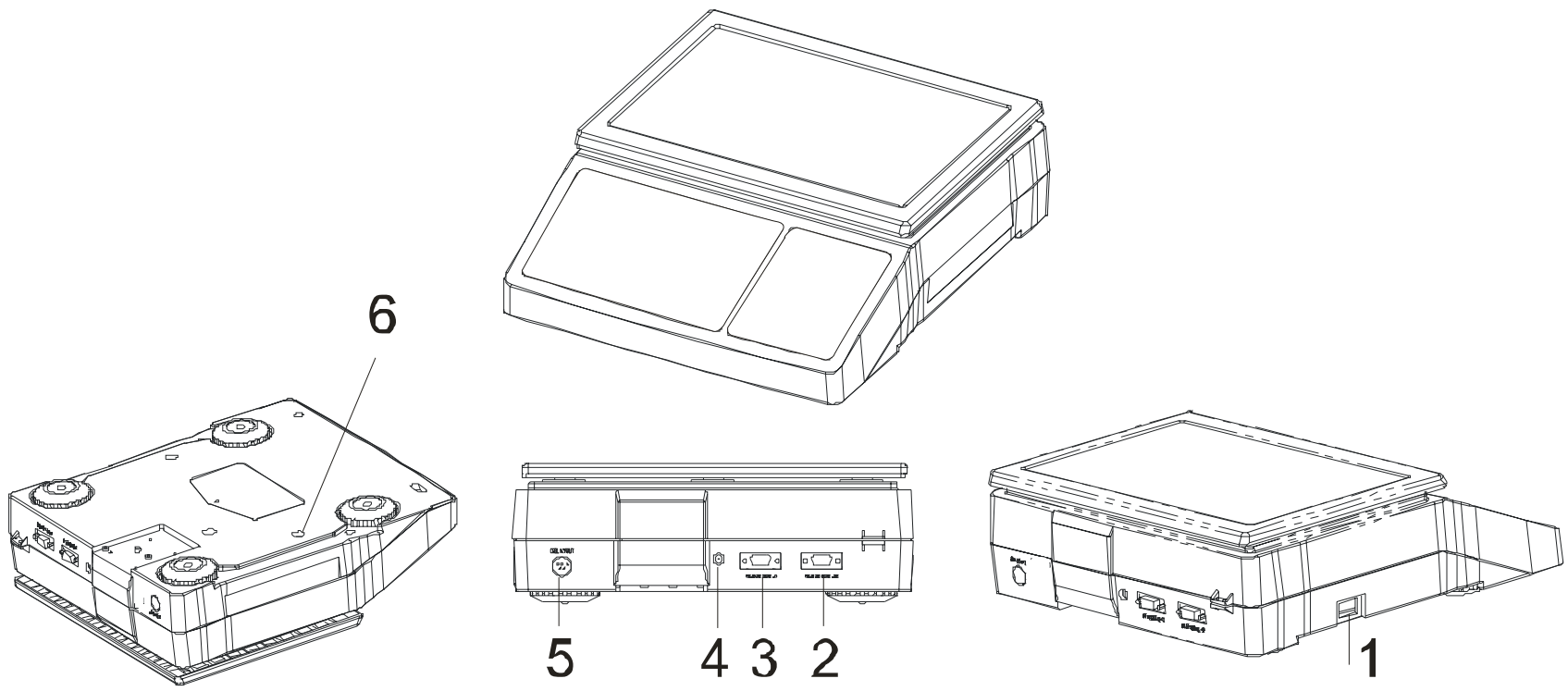
User's Manual

MODEL-A 2007-V2.0

1、INTRODUCTION：---

Thank you for your purchase of our high resolution electronic scale. This scale enables you to measure the quantity and weight. This stable scale with fast display reaction is easy to operate and precise. Meanwhile, it is applicable in various industries, such as, the electronic, hardware, plastic, medicine, textile ones. It is useful for package, inventory and various production as well as the quality control cases.

2、ASSEMBLY：---



3、INSTALLATION：---

- Assembly（please follow the sequence）
- Release and remove the protection screw【6】to resist the bottom housing。
- Always lock the protection screw before transportation
- 【1】Power switch
- 【2】【3】RS-232 （single and dual）output
- 【4】DC power socket
- 【5】RELAY check-weighing (output)

4、PRECAUTION：---

1) full charge the battery after unpacking the scale.
2) recharge the battery: when battery symbol appears on the LCD display, please plug in the power lord to charge the battery. The indicator of charge will light up in red. When it becomes green means charge completed(it takes about 8hours to full recharge the battery)*.
3) install the equipment on a level and stable surface.
4) do not install the equipment near the air condition or a vibrating machine.
5) Please in the temperature of 0℃~ 40℃， prevent from rapid temperature changes.
6) independent AC outlet for this equipment is recommended, check the voltage before plug in.
7) warm up the equipment for 15 minutes before use .

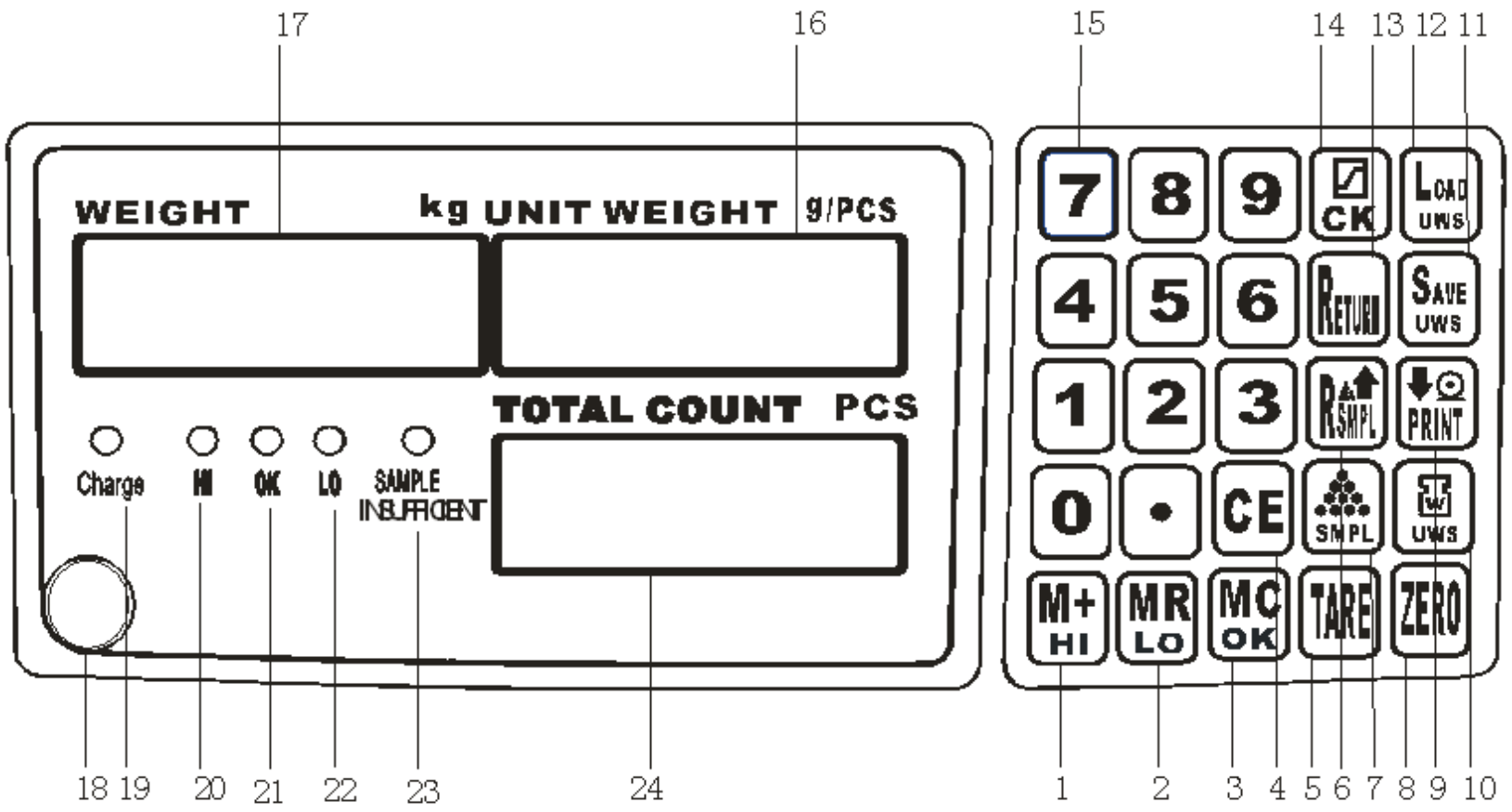
5、FEATURES：---

1) Load Cell have OIML approved, R60 test，
2) the microprocessor in this scale features：
   A. automatic zero point tracking function
   B. tare, pre-tare and auto tare function
   C. ACAI function is applicable for the accuracy of unit weight
   D. resample function
   E. weight HI/LOW setting
   F. counting HI/LOW setting
   G. 10 sets unit weight memory
   H. MAX accumulation (10sets)
   I. Each accumulation value print
   J. Total accumulation value print
   K. BACKLIGHT AUTO ON
   L. 2 sets of RS-232 Uni-direction or Bi-direction(option)
   M. Relay output (option)
   N. Mini printer（option）
   O. with RTC (option)
3) clear LCD display
4) backlight function
5) over load and transportation protection
6) membrane keypad，easy operation and nice water-resistant function
7) can be usel as weighing scale
8) stainless steel weighing pan

6、AVAILABLE UNITS：---

1. kg
2. g
3. lb
4. oz

7、PANEL AND KEYPAD DEFINITION: ---



keypad					
1	M+ HI	Press “accumulation” to accumulate(totally 10 times) (HI used for check-weighing)	8	ZERO	To come into zero
2	MR LO	Press this key to enter accumulation display function,(LO used for check-weighing)	9	PRINT	For print (⇩ used to check in unit weight warning and accumulation memory function)
3	MC OK	Press this key to clear accumulation value (OK used for check-weighing)	10	UWS	Input unit weight then press this key
4	CE	To clear the input data	11	SAVE UWS	Press to enter unit weight memory mode
5	TARE	When some weight on the pan, Press “tare” to tare;	12	LOAD UWS	Press to enter unit weight warning mode
6	RSMPL	For resample ⇧(used to check in unit weight warning and accumulation memory function)	13	RETURN	Return
7	SMPL	Put samples onto the pan, and input the number, then press “sample”	14	CK	Press to enter weight, quantity and HI/LO/OK check-weighing setting
15	0 ~ 9 & •	Used for inputting number data			

Panel illuminate					
16	UNIT WEIGHT g/PCS	Display unit weight or average weight			
17	WEIGHT kg	Display weight			
18		Level instruction	19	Charge	Recharge instruction
20	HI	Check-weighing bigger than instruction	21	OK	Check-weighing equals with instruction
22	LO	Check-weighing smaller than instruction	23	SAMPLE INSUFFICIENT	When the amount of sample is smaller than 10pcs or when unit weight ＜1d
24	TOTAL COUNT PCS	Display the total quantities			

7.1 FUNCTION SETTING：---

KEYPAD	FUNCTION
NO/OFF + ZERO	Parameter setting
NO/OFF + ZERO + ZERO	display COUNT（OFFSET）
NO/OFF + ZERO + ZERO + ZERO	weighing mode
NO/OFF + TARE	Linearity calibration
NO/OFF + SMPL	Single point calibration, units switch（lb、kg、g、oz） RTC on/off, display and setting

7.2 PARAMETER SETTING：(underline words are initial setting) ---

OPERATION	LCD display
press ZERO to switch on：	WEIGHT: SCALE UNIT WEIGHT: FUnC TOTAL COUNT: SEt

Backlight setting：--

press 0： ● on / off / <u>auto</u> (“on” means the backlight is always be light; “off” means the backlight is turn down; “auto” means the backlight will on when there is weight on it.) ● press 0 to change the setting	WEIGHT: FUnC0 UNIT WEIGHT: L iGH TOTAL COUNT: AUto

Resolution setting：--

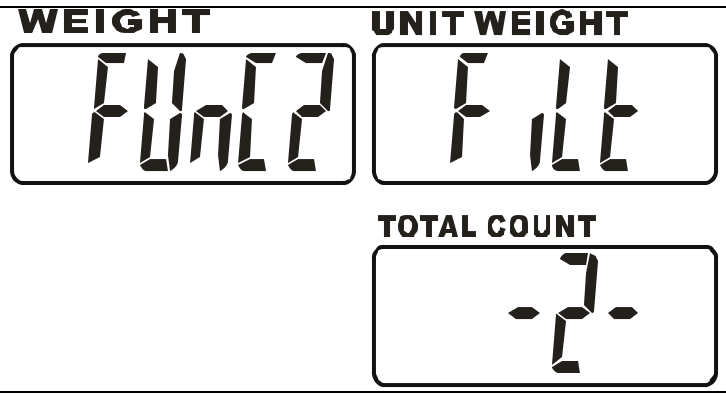
press 1： ● 1 (15000 dual display resolution) 2 (3000 or 3750) 3 (6000 or 7500) 4 (15000) 5 (30000) 6(60000 or 75000)。 press 1 to select in turn	WEIGHT: FUnC1 UNIT WEIGHT: tYPE TOTAL COUNT: d iuC

Filter setting：--

press **2**：

- 1 / 2 / 4 / 8 (higher value, higher filter grade)

press **2** to select in turn

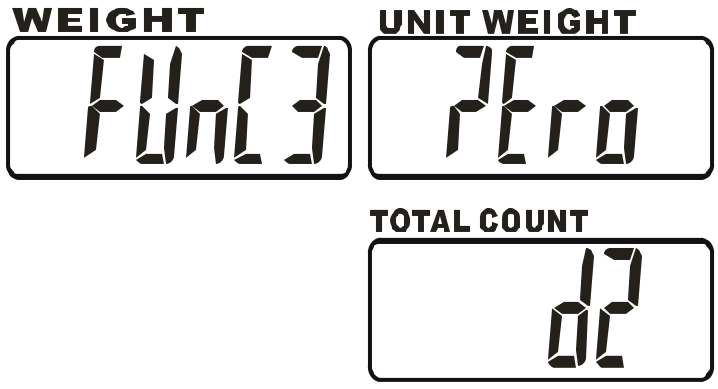


Zero band：--

press **3**：

- d0 / d1 / d2 / d3 / d4 / d5
  (more bigger means auto zero tracking more bigger)

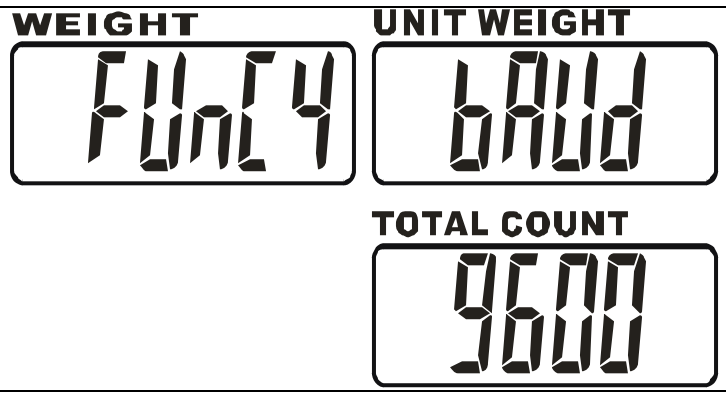
press **3** to select in turn



Band rate setting：--

press **4**：

- band rate setting： 9600

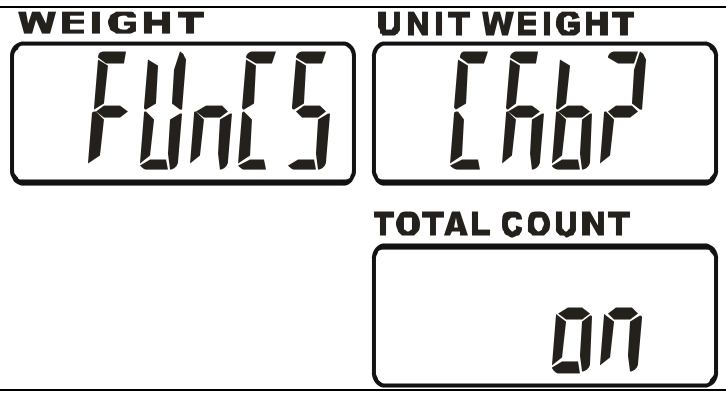


buzzer setting：--

press **5**：

- on (buzzer on)/ oFF (buzzer off)

press **5** to select in turn。

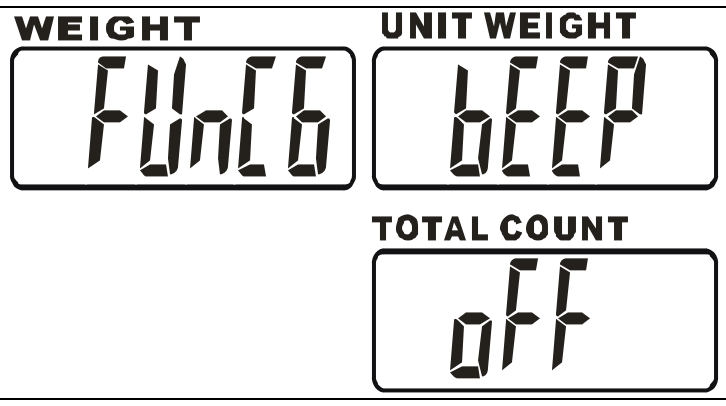


Check-weighing mode setting:--

press **6**：

- HI(upper)/ Lo(lower)/ In(during upper value to lower value) / un(outside the value)/ 3b(3 point)/ oK(1 point) / oFF(close)

press **6** to select in turn



Check-weighing style setting：--

press 7： ● Weight/ PCS press 7 to select in turn	WEIGHT: FUnC7 UNIT WEIGHT: Ch-S TOTAL COUNT: PCS

Check-weighing memory setting：--

press 8： ● M.On / M.oFF (“M.On” means check-weighing memory is open; “M.oFF” means check-weighing memory is closed) ● press 8 to select in turn（check-weighing and counting each 1 set）	WEIGHT: FUnC8 UNIT WEIGHT: ChSAu TOTAL COUNT: n-oFF

RS232 output format setting:--

press 9： ● Prt.Pr -data sent when key pressed(can do date send in dual direction, see page 28) ● Prt.Co- data sent continuously ● Prt.St-data sent auto matically when stable symbol show press 9 to select in turn	WEIGHT: FUnC9 UNIT WEIGHT: Prt TOTAL COUNT: PrtPr

External device：--

press ●： ● PC / SH / TDP/ SCR(“PC” means connect to computer; “SH” means connect to matrix printer; “TDP” means connect to thermal printer; “SCR” means connect to large screen.) press ● to select in turn	WEIGHT: FUnCA UNIT WEIGHT: Prt-d TOTAL COUNT: PC

SCR(connect to large screen)：--

press CK to switch the machine： ● *Weight*/ PCS press CK to choose weight/pcs	WEIGHT: FUnCF UNIT WEIGHT: SCrEE TOTAL COUNT: YEsGH

Auto- tare setting：--

press：CE ● YES(on) / NO(off) press CE to select in turn	WEIGHT: FUnCb UNIT WEIGHT: AtArE TOTAL COUNT: no

Counting Internal resolution：

press M+ HI： ● d(internal resolution)/ e(external resolution) press M+ HI to select in turn	WEIGHT: FUnCC UNIT WEIGHT: SnPL TOTAL COUNT: E

RS232 output content setting (1)：--

press MR LO： ● Pr（print）/ nP（not print） press R SMPL or SMPL or TARE to select in turn press R SMPL ：whether to print total weight or not press SMPL ：whether to print unit weight or not press TARE ：whether to print total quantities or not	WEIGHT: nPE.G UNIT WEIGHT: nPUE.1 TOTAL COUNT: nPPCS

RS232 output content setting (2)：--

press MC OK： ● Pr（print）/ nP（not print） press R SMPL or SMPL to select in turn press R SMPL ：whether to print total accumulation value press SMPL：whether to print single accumulation value	WEIGHT nPA.G UNIT WEIGHT nPCC.1 TOTAL COUNT SEt

press ZERO：back to normal weighing mode	WEIGHT 0.0 ZERO UNIT WEIGHT 0 TOTAL COUNT 0

8、*KEYPAD：---*

ZERO：--

	WEIGHT 0.9 UNIT WEIGHT 0 TOTAL COUNT 0
● press ZERO：	WEIGHT 0.0 ZERO UNIT WEIGHT 0 TOTAL COUNT 0

tare：--

	WEIGHT 10000 UNIT WEIGHT 0 TOTAL COUNT 0
● press TARE： ● tare：can't operate below zero or above max capacity	WEIGHT 0.0 NET UNIT WEIGHT 0 TOTAL COUNT 0

Pre-tare：--

● press 0 ~ 9 and • to load the number *(units are the same for tare weight and total weight)*	WEIGHT 0.0 ZERO UNIT WEIGHT 980 TOTAL COUNT 0

● press TARE： ● condition：zero symbol display	WEIGHT 980.0 NET ZERO UNIT WEIGHT 0 TOTAL COUNT 0

0~9 and ●：--

● 0 ~ 9 and ● ● *to load the pre-tare value and unit weight*	WEIGHT 0.0 ZERO UNIT WEIGHT 980 TOTAL COUNT 0

Input eliminate：--

● press CE ● in the unit weight loading, sample, check-weighing and unit weighing memory mode	WEIGHT 0.0 ZERO UNIT WEIGHT 0 TOTAL COUNT 0

Unit weight Input：--

● press 0 ~ 9 and ●	WEIGHT 90.0 UNIT WEIGHT 0.09 TOTAL COUNT 0
● press UWS ● load unit weight ● condition of loading unit weight：unit weight ≥e，or show，Sample Insufficient。	WEIGHT 90.0 UNIT WEIGHT 0.09 TOTAL COUNT 1000

sample：--

● press 0 ~ 9	WEIGHT 90.0 UNIT WEIGHT 1.000 TOTAL COUNT 0
● then press SMPL，load the number ● condition of sample：sample number must ≥ 10pcs, or it will show Sample Insufficient； ● only can load interger in the stable condition	WEIGHT 90.0 UNIT WEIGHT 0.09 TOTAL COUNT 1000

resample：--

● after sample，	WEIGHT 90.0 UNIT WEIGHT 0.09 TOTAL COUNT 1000
● place more than 10pcs onto the pan	WEIGHT 98.0 UNIT WEIGHT 0.09 TOTAL COUNT 1089
● press RSMPL to resample ● condition of resample: after sample, place more than 3pcs onto the pan（±0.1e）。	WEIGHT 98.0 UNIT WEIGHT 0.0899 TOTAL COUNT 1089

print：--

Condition of printing：must be stable. press PRINT：printing LCD display value.

Return：--

press RETURN：return to weighing mode

accumulate：--

● press M+ HI，perform accumulation ● accumulation condition：in the stable conditon; only can accumulate once, remove objects on the pan and could accumulate once more; totally can accumulate for ten times. ● 1 sec later return to normal weighing mode	WEIGHT 980 UNIT WEIGHT ACC01 TOTAL COUNT 1089 WEIGHT 980 UNIT WEIGHT 0.0899 TOTAL COUNT 1089
● when accumulating more than 10 times， ● means: times of accumulation over range, 1sec later return to normal weighing mode	WEIGHT 980 UNIT WEIGHT ACCou TOTAL COUNT 1089 WEIGHT 980 UNIT WEIGHT 0.0899 TOTAL COUNT 1089

Accumulate display：--

● press MR LO，perform accumulating display	WEIGHT 980 UNIT WEIGHT ACC01 TOTAL COUNT 1089
● press 0 ~ 9 or RSMPL or t PRINT o select accumulation value	
● press 1 ● means: accumulate the first accumulation and quantities of individual accumulation	WEIGHT 980 UNIT WEIGHT ACC01 TOTAL COUNT 1089
● press • ● means：total weight accumulation, times of accumulation and quantities of accumulation	WEIGHT 9800 UNIT WEIGHT ACCAH TOTAL COUNT 10890
● press RETURN back to normal weighing mode ● when total value of accumulation over display range, it will show outr	WEIGHT 980 UNIT WEIGHT 0.0899 TOTAL COUNT 1089

Accumulation eliminate：--

● press MC OK	WEIGHT 980 UNIT WEIGHT ACC01 TOTAL COUNT 1089
● press 0 ~ 9 or RSMPL or PRINT to select time of accumulation	
● press 1 ● means：accumulation value of the first time and individual quantities.	WEIGHT 980 UNIT WEIGHT ACC01 TOTAL COUNT 1089
● press MC OK to cancel the accumulation value	WEIGHT 0.0 UNIT WEIGHT ACC01 TOTAL COUNT 0
● press ● ● means： total weight, times and quantities of accumulation	WEIGHT 980.0 UNIT WEIGHT ACCAll TOTAL COUNT 10890
● press MC OK to cancel the accumulation value	WEIGHT 0.0 UNIT WEIGHT ACCAll TOTAL COUNT 0
● press RETURN back to normal weighing mode	

Unit weight warning: --

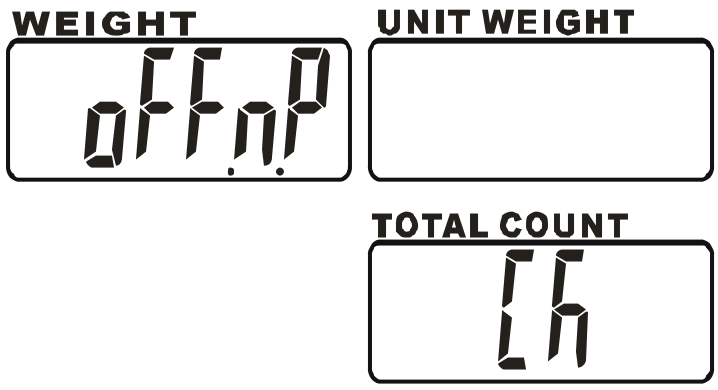
● press SAVE UWS ● unit weight loaded ● unit weight memory ● memory groups	WEIGHT: U.LoAd UNIT WEIGHT: 0.1 TOTAL COUNT: 01
● press RSMPL or PRINT to select memory sets	
● press RETURN to load equivalent unit weight and back to normal weighing or counting mode.	

Unit weight memory: --

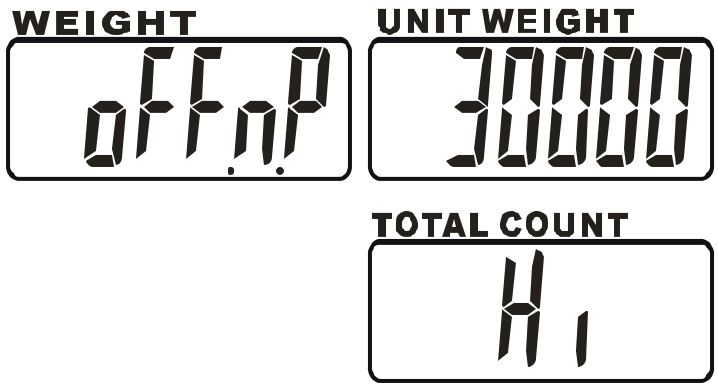
● press SAVE UWS ● unit weight loaded ● unit weight memory ● memory groups	WEIGHT: U.SAuE UNIT WEIGHT: 0.1 TOTAL COUNT: 01
● press RSMPL ort PRINT o select memory sets	
● press 0 ~ 9 or • to load memory unit weight ● load unit weight, then press SAVE UWS	
● press RETURN o load equivalent unit weight and back to normal weighing or counting mode	

Check-weighing：--

- press CK
- HI、Lo、In、un、3b、OK、oFF。(see page 6)
- n（beep alert）、f（no beep alert）。



- press M+ HI、MR LO、MC OK to select the check-weighing value
- press CK and ZERO to eliminate check-weighing value

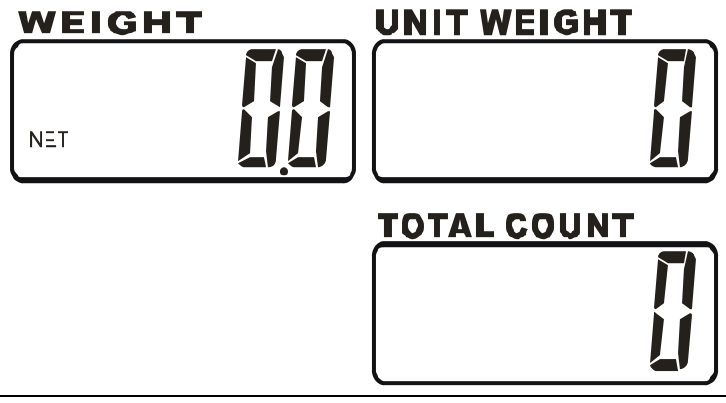


- select check-weighing condition then press 0 ~ 9, load check-weighing range
- press CK to confirm the loading of check-weighing range
- then press RETURN back to normal weighing mode, when check-weighing wrong, it will show
- 

- press ZERO to cancel check-weighing and back to normal weighing mode

Auto-tare：--

- auto-tare condition: cann't work below zero or above max capacity. In the stable condition, max≥2%
- Can not tare constantly (after auto tare, press "tare" to cancel pre-tare and get new tare value)
- if need another auto tare, clear the pan, press "zero" or "tare" to re-tare.



9、*units switch：---*

Operation	LCD display
● press SMPL to switch on the machine	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press 1 1 3 2	WEIGHT: SEt UNIT WEIGHT: 1132 TOTAL COUNT:
● press SMPL	WEIGHT: Unit UNIT WEIGHT: SEt TOTAL COUNT: kG
● press 1 ● units conversion in turn：kg/ g / lb / oz	
● press SMPL：	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press ZERO： return to normal weighing mode	

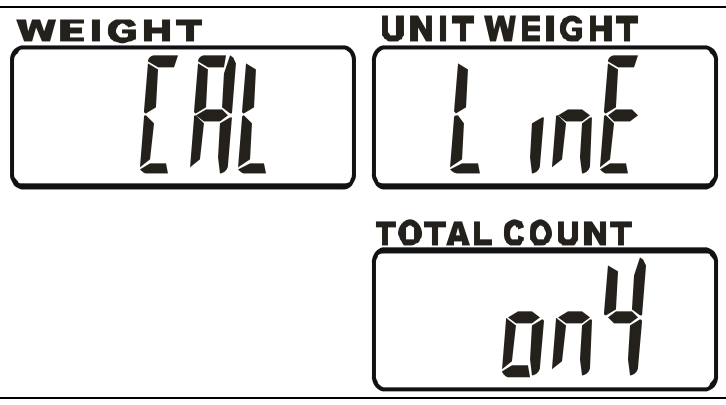
10、CALIBRATION OPERATION：---

10.1 calibration（six point calibration）

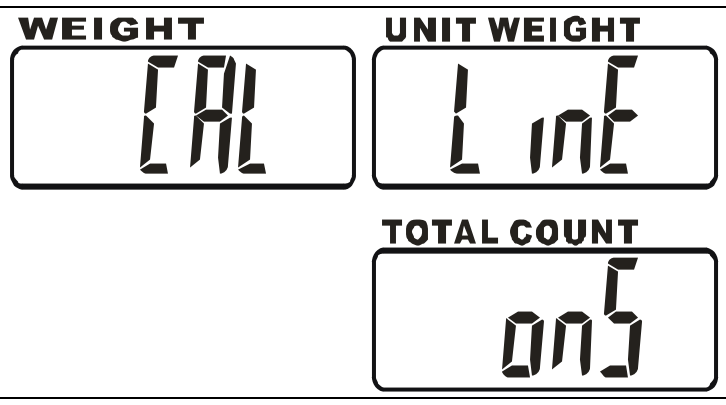
Operation	LCD display
● press TARE to switch on the machine.	WEIGHT: CAL UNIT WEIGHT: LinE TOTAL COUNT: 6P
● press TARE ● zero point calibration	WEIGHT: CAL UNIT WEIGHT: LinE TOTAL COUNT: on0
● waiting	WEIGHT: CAL UNIT WEIGHT: LinE TOTAL COUNT: on1
● place 1/6 of load on ，press TARE，to perform 1/6 load calibration	
● waiting	WEIGHT: CAL UNIT WEIGHT: LinE TOTAL COUNT: on2
● place 2/6 of load on，press TARE，to perform 2/6 load calibration	
● waiting	WEIGHT: CAL UNIT WEIGHT: LinE TOTAL COUNT: on3

continuous 10.1 calibration（six point calibration）

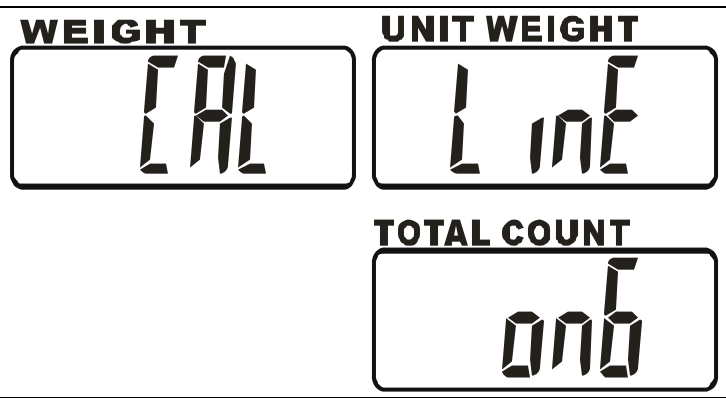
- place 3/6 of load on，press TARE，to perform 3/6 load calibration
- waiting



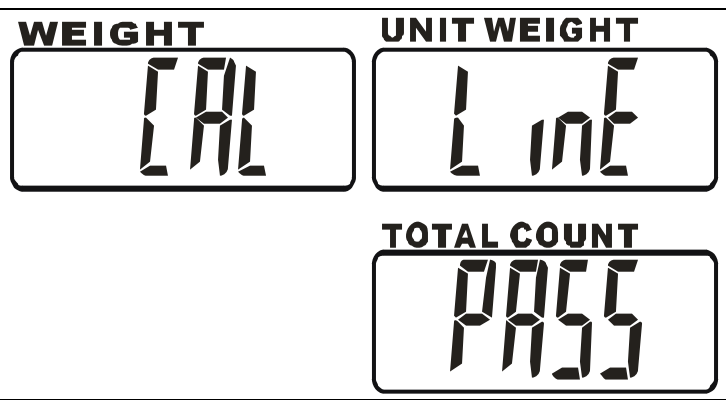
- place 4/6 of load on，press TARE，to perform 4/6 load calibration
- waiting



- place 5/6 of load on，press TARE，to perform 5/6 load calibration
- waiting



- place full load on，press TARE，to perform full load calibration
- waiting



- press TARE to return normal weighing mode

10.2 single point calibration：

Operation	LCD display
● press SMPL to switch on the machine	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press 1 1	WEIGHT: SEt UNIT WEIGHT: 11 TOTAL COUNT:
● press SMPL, enter zero point calibration	WEIGHT: CAL UNIT WEIGHT: on0 TOTAL COUNT: zEro
● place weights of equivalent weight ● 2 sec later, enter into weighing calibration mode ● place 1/6 of load or 2/6 of load or--- full load on, enter into calibration	WEIGHT: CAL UNIT WEIGHT: on8 TOTAL COUNT: SPAn
● finish calibration ● take off the weights	WEIGHT: CAL UNIT WEIGHT: PASS TOTAL COUNT: SPAn
● press SMPL	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press ZERO： back to normal weighing mode	

11、INTERNAL *COUNT DISPLAY*，*testing*：---

Operation	LCD display
● press ZERO to switch on the machine	WEIGHT: SCALE UNIT WEIGHT: FUnC TOTAL COUNT: SEt
● press ZERO ● then press any other key, display total weight	WEIGHT: UNIT WEIGHT: 88888 TOTAL COUNT: h88
● press ZERO：back to normal weighing mode	

12、*RTC*：--

● press SMPL to switch on the machine：	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press 1 1 9 0	WEIGHT: SEt UNIT WEIGHT: 1190 TOTAL COUNT:
● press SMPL	WEIGHT: rtC UNIT WEIGHT: SEt TOTAL COUNT: oFF

● press 1 to choose：on(with RTC)/oFF(without RTC)	
● press SMPL ：	WEIGHT SEt UNIT WEIGHT 0 TOTAL COUNT
● press ZERO back to normal weighing mode	

RTC time display:--

Operation	LCD display
● press SMPL to switch on the machine	WEIGHT SEt UNIT WEIGHT 0 TOTAL COUNT
● press 1 1 9 1	WEIGHT SEt UNIT WEIGHT 1191 TOTAL COUNT
● press SMPL	WEIGHT 2088 YEAR UNIT WEIGHT 88-88 MONTH DATE TOTAL COUNT 88-88 HOUR MINUTE
● press SMPL	WEIGHT SEt UNIT WEIGHT 0 TOTAL COUNT

● press ZERO back to normal weighing mode

RTC time setting:--

Operation	LCD display
● press SMPL to switch on the machine	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press 1 1 9 2	WEIGHT: SEt UNIT WEIGHT: 1192 TOTAL COUNT:
● press SMPL ● press 0 ~ 9 from left to right,press SMPL to load year, month, date and time ● press UWS to confirm.	WEIGHT: 2088 (YEAR) UNIT WEIGHT: 88-88 (MONTH DATE) TOTAL COUNT: 88-88 (HOUR MINUTE)
● press SMPL	WEIGHT: SEt UNIT WEIGHT: 0 TOTAL COUNT:
● press ZERO back to normal weighing mode	

13、ERROR MESSAGE:---

message	Problem	
Err2	Initial zero point over ＋/-20%	
Err5	Over load（max capacity +9e）	
ACC.ov	Times of accumulation over 10 times	
over	Display value over range	
Battery symbol	Low battery	
LOBAT	low voltage	

14、trouble shooting：---

when	Error message	Trouble shooting
Power on	Err2,	Check and remove the object from weighing pan or malfunction of LOAD CELL
Power on	Battery symbol appear	Charge the battery
Normal weighing mode	Err5	Check if weighing object over the capacity +9e,Err
Normal weighing mode	LOBAT	Plug in the AC power and switch on the machine

15、specifications：---

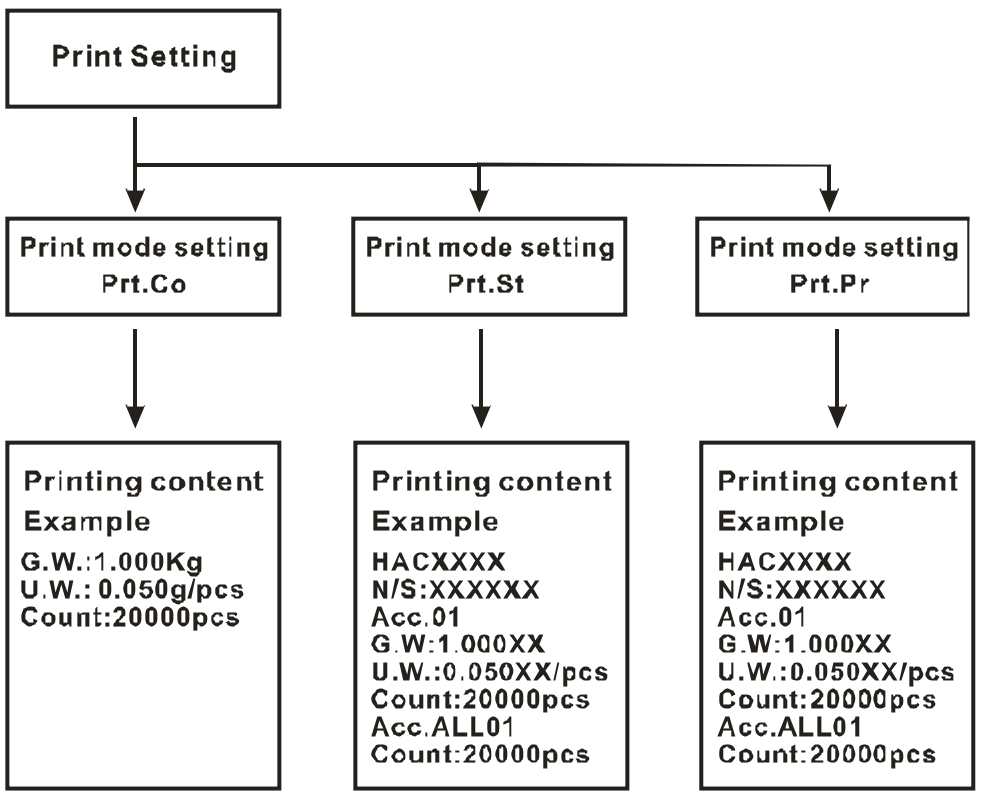
(normal type)

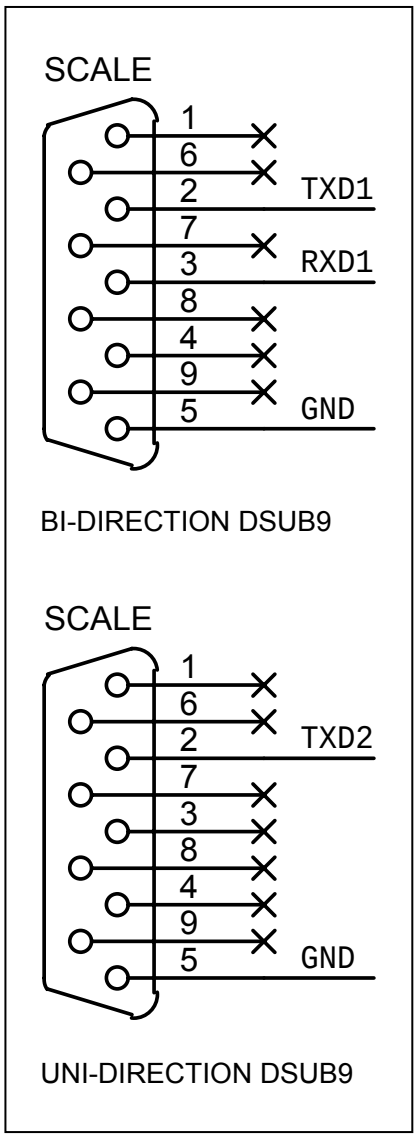
mode：	1530		3075		7515		1530K	
Max. Cap：	0g~1500g	1500g~3000g	0g~3000g	3000g~7500g	0g~7500g	7500g~15000g	0g~15000g	15000g~30000g
Resolution： kg	0.0001kg	0.0002kg	0.0002kg	0.0005kg	0.0005kg	0.001kg	0.001kg	0.002kg
Resolution： g	0.1g	0.2g	0.2g	0.5g	0.5g	1g	1g	2g
Resolution： oz	0.005oz	0.01oz	0.01oz	0.02oz	0.02oz	0.05oz	0.05oz	0.1oz
Resolution： lb	0.0002	0.0005	0.0005	0.001	0.001	0.002	0.002	0.005
Linearity：	±2d		±2d		±2d		±2d	
Repeatability：	0.1g	0.2g	0.2g	0.5g	0.5g	1g	1g	2g
Internal resolution：	0.01g		0.02g		0.05g		0.1	
LCD：	LCD Display LED backlight 5 1/2、5、5 Digits。 With 22mm digits							
dimension：	300X320 cm							
pan：	300X200 cm							
power：	DC12V 300mA Adaptor、6V4A rechargeable battery							
resolution	1/15,000							
keypad：	number Check-weighing RETURN MC	RSMPL sample CE	ZERO Unit weight warning decimal	Unit weight memory print M＋	UWS TARE MR			
Weighing units：	kg / g / lb / oz							
Unit weight units：	g / g / lb / oz							
Protect devices：	Over load, transport protect							
Wind shields：	yes							
Function	Check-weighing, counting, quantities accumulation（10times）,weighing accumulation（10times） Pre-tare、linearity calibration,（six point 1/6 max、2/6 max、3/6 max、4/6 max、5/6 max、max） Soft-ware filtering, units conversion, printing setting, resample, auto average, unit weight memory							
temperature：	0°c~40°c							
RS-232：	Bi-direction and dual-direction, could connect PC、SH-24、TDP-643 printer、SCR							
RELAY	HI、 LO 、OK RELAY output module							

(high resolution and filter type)

mode：	3000	7500	15K	30K
Max. Cap：	0g~3000g	0g~7500g	0g~15000g	0g~30000g
Resolution： kg	0.0001kg	0.0002kg	0.0005kg	0.001kg
Resolution： g	0.1g	0.2g	0.5g	1g
Resolution： oz	0.005oz	0.01oz	0.02oz	0.05oz 0.1oz
Resolution： lb	0.0002lb	0.0005lb	0.001lb	0.002lb
Linearity：	±2d	±2d	±2d	±2d
Repeatability：	0.1g	0.2g	0.5g	1g
Internal	0.01g	0.02g	0.05g	0.1
LCD：	LCD Display ELbacklight 6、6、6 Digits. 21 mm digits			
dimension：	300X320 cm			
pan：	300X200 cm			
adaptor：	DC12V 300mA Adaptor、6V4A rechargeable battery			
resolution	1/30,000			
keypad：	number RSMPL ZERO Unit weight memory UWS Check-weighing sample Unit weight warning print TARE RETURN CE Decimal M＋ MR MC			
Weighing units：	kg / g / lb / oz			
Unit weight units：	g / g / lb / oz			
Protect device：	Over load and transportation protect			
Wind shields：	yes			
function	Check-weighing and counting Quantity accumulation (10 times) and weight accumulation (10 times) Pre-tare, linearity calibration(six point, 1/6 max、2/6 max、3/6 max、4/6 max、5/6 max、max) soft-ware filtering、units conversion, print, resample, auto average and unit weight memory.			
temperature：	0°c~40°c			
RS-232：	Bi-direction and dual-direction、can connect with PC、SH-24、TDP-643 printer、SCR			
RELAY	HI、 LO 、OK RELAY output bi-direction RS-232 interfa			

16. *RS-232 OUTOUT FORMAT： ---*





Remarks for Dual output:1. data can be sent in dual direction when you choose Prt.Pr

2. it equals with pressing ZERO when computer send “Z”to scale;

it equals with pressing TARE when computer send “T”to scale;

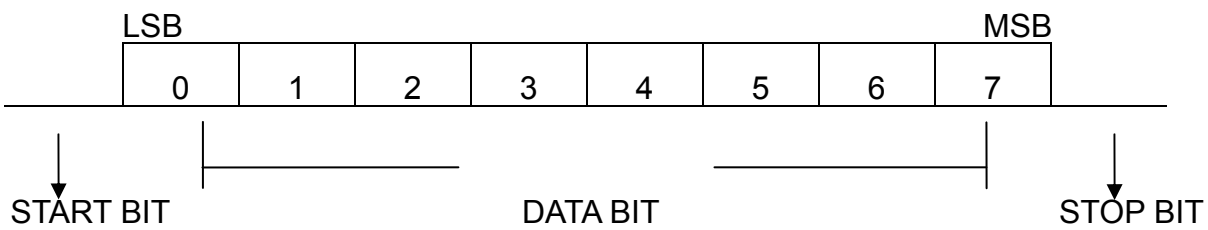
it equals with pressing PRINT when computer send “R”to scale;

RS-232 serial interface

The 9PIN interface in the right back is the standard interface of RS-232, 3rd PIN is output, 5th PIN is grounded，the rest is useless.

BAUD RATE：9600 bps DATA BIT：8 PARITY BIT：N（NONE） STOP BIT：1 CODE：ASCII

BIT FORMAT：



DATA FORMAT：(Prt.Co)

G/N	●	W	●	:	+/-									k	g	CR	LF				
U	●	W	●	:											g	/	P	c	s	CR	LF
C	o	u	n	t	:									P	c	s	CR	LF			

E.G.
G..W.: 1.000 kg
U.W.: 0.050 g/Pcs
Count: 20000 Pcs

DATA FORMAT：(Prt.Co)

G/N	●	W	●	:	+/-										g	CR	LF				
U	●	W	●	:											g	/	P	c	s	CR	LF
C	o	u	n	t	:									P	c	s	CR	LF			

E.G.
G..W.: 1.000 g
U.W.: 0.050 g/Pcs
Count: 20000 Pcs

DATA FORMAT：(Prt.Co)

G/N	●	W	●	:	+/-									l	b	CR	LF				
U	●	W	●	:										l	b	/	P	c	s	CR	LF
C	o	u	n	t	:									P	c	s	CR	LF			

E.G.
G..W.: 1.000 lb
U.W.: 0.050 lb/Pcs
Count: 20000 Pcs

DATA FORMAT：(Prt.Co)

G/N	●	W	●	:	+/-									o	z	CR	LF				
U	●	W	●	:										o	z	/	P	c	s	CR	LF
C	o	u	n	t	:									P	c	s	CR	LF			

E.G.
G..W.: 1.000 oz
U.W.: 0.050 oz/Pcs
Count: 20000 Pcs

DATA FORMAT：(Prt.St Prt.Pr)

A	c	c	●	X	X																
G/N	●	W	●	:	+/-									X	X	CR	LF				
U	●	W	●	:										X	X	/	P	c	s	CR	LF
C	o	u	n	t	:									P	c	s	CR	LF			
A	c	c	●	A	l	l	X	X													
C	o	u	n	t	:									P	c	s	CR	LF			

E.G.
HACXXXX
N/S:XXXXXX
Acc.01
G..W.: 1.000 XX
U.W.: 0.050 XX/Pcs
Count: 20000 Pcs
Acc.ALL01
Count: 20000 Pcs

2007/06/11