ACCUREX

User Manual

DSK series Scale

Thank you for purchasing counting electronic scale, in order to effectively help you to use our products correctly, please read the manual carefully, which will help you to operate and extend the life of the products, and reduce inconvenience.

1. Safety requirements:

1. Check if ac input power is matched with local ac power

2. Do not drop items on the scale plate when storing or using

3. Do not put any object under the weighing plate

4. Power must be cut off before cleaning and maintenance

5. Please weigh within the specified range when weighing

6. Shall not be used in bad environment

7. When taking the electronic scale, do not force on the bracket or weighing plate

8. The maintenance of electronic scale must be maintained by authorized professional personnel

2. Packing list

1	2	3	4	5
Electronic scale	Scale plate	Power cord	Operating instruction	Certificate of quality

3. Technical parameters

Rated voltage: AC/220V 50Hz

Power consumption: 3W

Working temperature: -10℃ to 40℃

Storage temperature: -20℃ to 50℃

Operating humidity: ≤85%R.H

Storage temperature ≤70%R.H

Range of zero setting: ≤±3%FS

Less than or equal to 3% maximum weighting

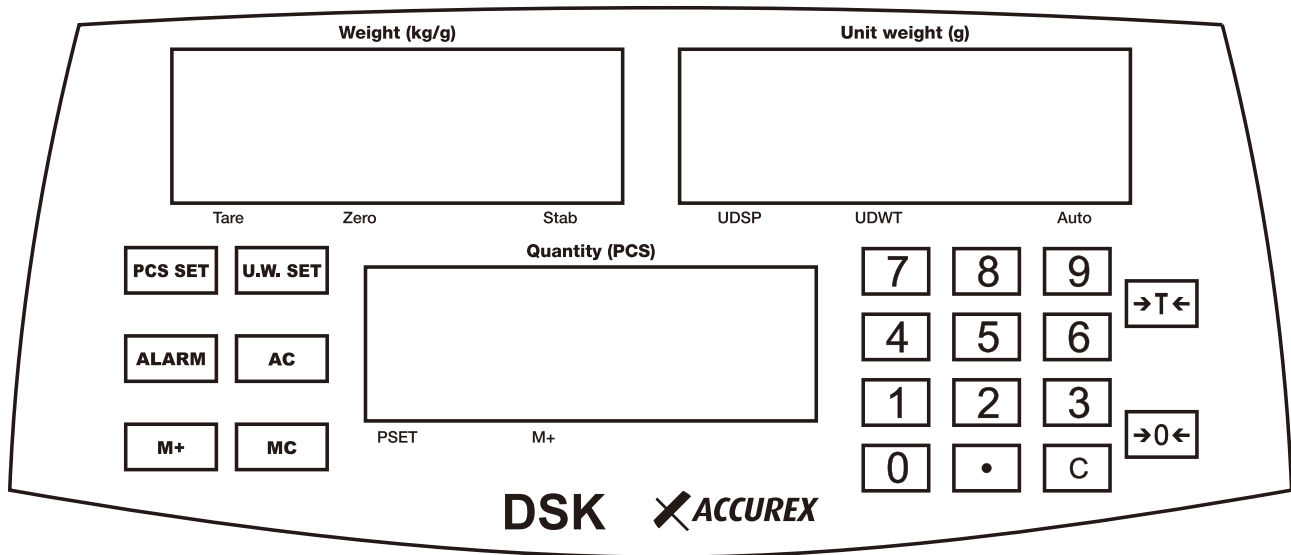Peeling range: derest is the maximum weight (derest + net weight = maximum weight)

4. Specification

Maximum capacity（g）	3000	6000	15000	30000
Minimum capacity（g）	20	40	100	200
verification scale intervale（g）	1	2	5	10
Division (g)	0.1	0.2	0.5	1
Minimum sample weight（g）	2	4	10	20
Minimum single weight（g）	0.15	0.3	0.75	1.5
Minimum sampling quantity（PCS）	10	10	10	10
repeatability（g）	±0.2	±0.4	±1.0	±2.0
linearity（g）	±0.2	±0.4	±1.0	±2.0
Display	3*LCD backlight display			
Keys	20 touch keys			
Accuracy	Ⅲ			
Plate size（mm）	295*230			

5. Preparation

1. Please place the electronic balance on a stable and flat table for use, do not place it on a shaking or vibrating table, and use the four adjusting feet to keep the balance body stable. Please note that the spirit bubble should be located in the center of the circle.

2. Please use a separate power outlet to avoid interference from other electrical appliances. The first use should be charged for more than 12 hours.

3. When the power is on, please do not put anything on the scale plate.

4. When used, the center of gravity of the weighing object must be located in the center of the scale plate, and the weighing object should not exceed the scope of the scale plate, to ensure its accuracy.

5. Before using the electronic balance, please heat up the engine for 15 ~ 20 minutes.

6. Display and key panel description

7. Keyboard Functions

7.1. Keys

1. **[PCS SET]:** place a sample on the scale plate, input the number of samples through the digit keyboard [also can input the number of completed samples in advance], press [PCS SET] the 'UNIT WEIGHT' window display 'SnnP' and the 'QUANTITY(pcs)' window display '------', and when the number in the 'QUANTITY(pcs)' window flashes, start to sample the number of single volume, after the sample is finished, the buzzer will make a sound, and the display screen will display the set number and average single volume.

2. **[U.W. SET]:** Input a known sample single weight through the keyboard, press [U.W. SET] when the number window flashes, and then place the sample to be counted on the scale plate.

3. **[ALARM]:** By entering the number of alarm upper limit, press the [ALARM] to light up the 'PSET' sign, when the count amount exceeds the preset value, the 'UNIT WEIGHING' window displays alternately -Oty- and single weight with a buzzer sound.

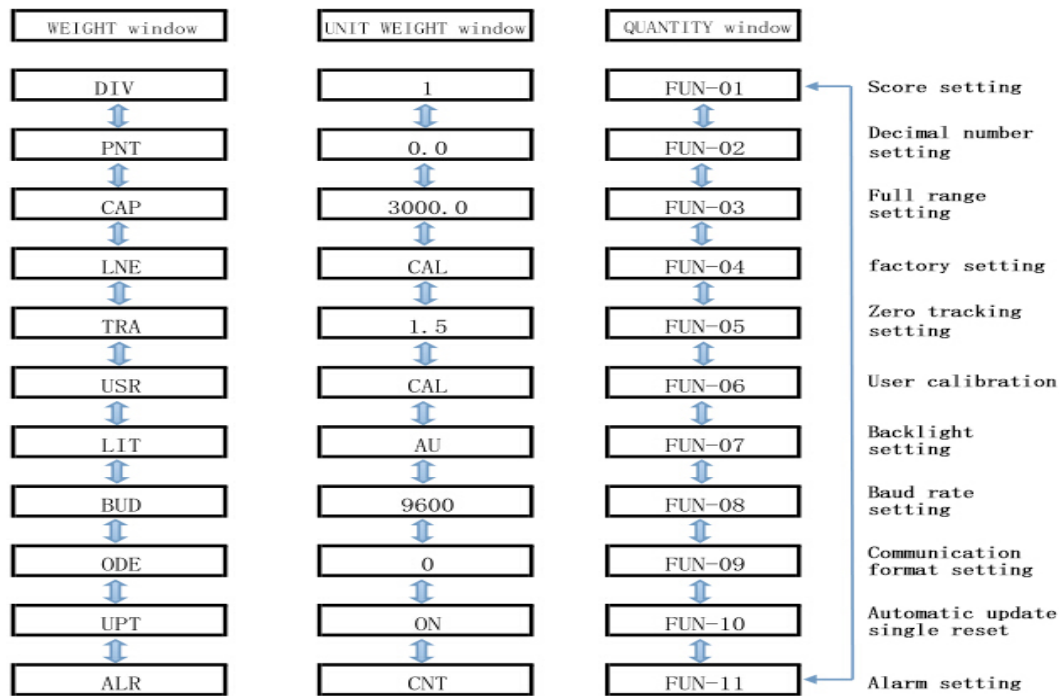4. **[AC]:** If you need to cancel the number alarm setting, press [AC] the 'PSET' symbol will go off.

5. **[M+]:** used for the accumulative number of counting. Under the accumulative state, the 'M+' is lit up, and the accumulative number is not more than 999999 PCS, and the accumulative number is not more than 99 times.

6. **[MC]:** clear cumulative total, cumulative symbol off.

7. **[TARE]:** it is used to remove the preset tare weight. In the 'TARE' state, the 'TARE' sign is lit up. Remove the preset tare weight and press the [TARE] to turn off the 'TARE' sign.

8. **[ZERO]:** When the 'WEIGHT' window 'ZERO' sign is unstable or there is a small weight does not return to zero, press [ZERO] key to set zero.

9. **[C]:** Press the [C] key when entering quantity or single error to clear and re-enter immediately, or wait 5 seconds to enter again, the previous error will be automatically updated.

7.2.   Indication sign description

UDSP	Sample number less than 10 PCS (the more sample number, the better count)
UDWT	Count sample single weight less than 1.5e (show 1.5 times the scale value)
AUTO	In the process of loading counting samples, the average weight of samples is intelligently optimized according to the single weight and number of samples
PSET	Indicating symbol lighting, if the number of counting exceeds the preset value single weight, the window will display -Oty- and single weight alternately with a buzzer

9. Menu Settings

8.1 When starting up self-check 0~9 hop number, quickly enter the user's calibration password 9011

WEIGHT window / UNIT WEIGHT window / QUANTITY window

WEIGHT window	UNIT WEIGHT window	QUANTITY window	
DIV	1	FUN-01	Score setting
PNT	0.0	FUN-02	Decimal number setting
CAP	3000.0	FUN-03	Full range setting
LNE	CAL	FUN-04	factory setting
TRA	1.5	FUN-05	Zero tracking setting
USR	CAL	FUN-06	User calibration
LIT	AU	FUN-07	Backlight setting
BUD	9600	FUN-08	Baud rate setting
ODE	0	FUN-09	Communication format setting
UPT	ON	FUN-10	Automatic update single reset
ALR	CNT	FUN-11	Alarm setting

8.2. Description of submenu Settings

WEIGHT window	UNIT WEIGHT window		WEIGHT window	UNIT WEIGHT window	
DIV	1	**FUN01-DIV** Indexing value setting	PNT	0	**FUN02-PNT** Decimal position setting
DIV	2		PNT	0	
DIV	5		PNT	0	
DIV	10		PNT	0	
DIV	20		PNT	0	
DIV	50		PNT	0	
WEIGHT window	**UNIT WEIGHT window**	**FUN03-CAP** Full range setting	**WEIGHT window**	**UNIT WEIGHT window**	**FUN04-CAL** Factory linear calibration
CAP	0		CAL	1	
Enter the maximum weight directly through the numeric key.			CAL	2	
WEIGHT window	**UNITWEIGHT window**	**FUN05-TRA** Zero tracking setting	CAL	3	
TRA	0		CAL	4	
TRA	0.5		CAL	5	
TRA	0.1		**WEIGHT window**	**UNIT WEIGHT window**	**QUANTITY window**
TRA	1.5		0	PUT	AU-CAL
TRA	2		Add the maximum weight to calibrate,the weight and stabilize it for 3 seconds,After completion of automatic calibration exit		**FUN06-USR** User automatic calibration
TRA	2.0				
TRA	2.5				

TRA	3		Direct input needs to load the value of calibration weight,Load the calibration weight,press [ALARM],Exit after completion of calibration.		**FUN06-USR** User manual calibration
TRA	3.5				
TRA	4				
WEIGHT window	**UNIT WEIGHT window**	**FUN07-LIT** Backlight mode setting	**WEIGHT window**	**UNIT WEIGHT window**	**FUN08-BUD** Baud rate Setting (this function is temporarily unavailable)
LIT	Au		BUD	1200	
LIT	On		BUD	2400	
LIT	Off		BUD	4800~19200	
WEIGHT window	**UNIT WEIGHT window**	**FUN09-ODE** Communication format setting [this function is temporarily unavailable]	**WEIGHT window**	**UNIT WEIGHT window**	**FUN10-UPT** AUTO setting
ODE	0		UPT	On	
ODE	1		UPT	On	
ODE	2		**WEIGHT window**	**UNIT WEIGHT window**	**FUN11-ALR** Alarm setting
ODE	3		ALR	Cnt	
			ALR	Elt	

Description: in the above steps, press [warning preset] to enter the sub-menu, press [quantity setting] to select, press [warning preset] to save and exit, and then press [quantity setting] to enter the next step.

10. Quick calibration by users (not applicable for the initial calibration of replacement mainboard or sensor)

When starting up self-check 0~9 hop number, quickly enter the user's calibration password [9158].

WEIGHT	UNIT WEIGHT	QUANTITY
0.0	put	Au-cal
After loading the calibration weights above the half-range and stabilizing for 3 seconds, the automatic calibration completes and exits		

11. Trouble Removal

The following table shows the possible causes and solutions of common problems and failures. It is for reference only. If you still have any questions, please contact the authorized dealer.

Symptoms	Possible reasons	Check solution for reference
Can not turn on	No power connection, no batter	Check that the power connection and battery voltage are correct
Instability [hop number]	The use environment is unstabl	Move the electronic counter to the appropriat environment
Accuracy is poor	Improper calibration	Calibrate
Can't calibration	Unstable environment	Move the electronic counter to the appropriate environment
The backlight doesn't work	Mode off	Enter the menu Settings activation mode
Alarm is invalid	Mode off	Enter the menu Settings activation mode
Battery symbol flicker	Low battery	Charge and replace the battery in time
Battery failure	Battery out of service	Contact the company authorized dealer to replace the battery
The scale is not full	The zero of the sensor is too hig and the preset tare is too heavy	Replace the sensor and remove the preset ta weight on the scale
-------	overload	Reduce the load on the scale

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