

FUNCTION SETTINGS

1. Press [ON/OFF] to turn on the scale, the display will show flash digits and then -----, press [PRINT], the display will show **b xxx BAU** value (press [UNIT] to select among 1200, 2400, 4800, 9600), our default setting is 9600.

Press [ZERO] to enter Parity mode, the display will show **P XXX PAR**, press [UNIT] to select odd,even,none (odd stands for 7 data bits with odd parity, even stands for 7 data bits with even parity, none stands for 8 data bit without parity)our default setting is none.

Press [ZERO] to enter Print mode, the display will show **n xxx Mod**, press [UNIT] to select ON, OFF, KEY, STB (OFF stands for serial data output disabled, KEY stands for demand mode by press [PRINT], STB stands for automatic print when scale is stable, ON stands for continuous print, our default setting is STB. Press [ZERO] again to return to weighing mode.

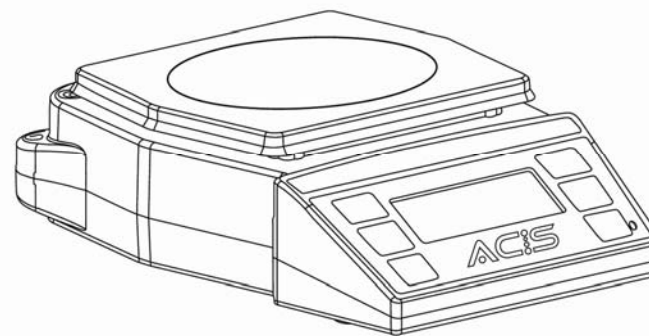
2. Press [ON/OFF] to turn on the scale, the display will show flash digits and then -----, press [UNIT] to enter unit selecting function, the display will show **ON X** (X stands for the units: g, oz, lb, dwt...tola...) press [UNIT] to select ON (activate the selected unit) or OFF (inactivate the selected unit), press [ZERO] again to return to weighing mode.

3. Switch the power to “ON” and than press [ON/OFF] to turn on the scale. The display shows F-E-9 to 0 and than “- - - - -” , press [PCS] key to enter ZERO track function setting , display shows **ZRD x.xd** , press [UNIT] key to select ZERO track value (0.0d-0.5d-1.0d-1.5d-2.0d) ; press[ZERO]key to enter ZERO track function setting , display shows **ZRT x.xd** , press [UNIT] key to select ZERO track time (0.5. to 4.0 seconds; press [ZERO] key to enter ZERO setting , display shows **RZD XXX**, press [UNIT] key to select ZERO value (0.8d-1.8d-2.8d-3.8d) ;press [ZERO] key to enter **FIL** setting, press [UNIT] key to select filter range amend (0-1-2-3-4-5-6-7),”2”is default setting; press [ZERO] key to select zero range when turn on the scale, press [UNIT] key to select percent (**PZR** 2, PZR 5, PZR 10, PZR 20); press [ZERO] key to set zero range, press [UNIT] key to select percent (**KZR** 3,4,5,10); press [ZERO] key to set **TARE range**, press [UNIT] key select percent (**KTR** 50 or KTR 100); press [ZERO] key to enter overload protection setting, press [UNIT] key to select overload protection value (9d OVR-1 OVR-2 OVR-10 OVR); press [ZERO] key to set beep function, press [UNIT] key to choose turn on or turn off the beep, “b2 ON” means activate the beep, “b2 OFF” means inactivate the beep; press [ZERO] key to unite the function of TARE and ZREO, press [UNIT] to switch between them. “ZT ON” means unite function activate, “ZT OFF” means unite function inactivate. press [ZERO] key to enter auto off function setting , display shows **A xxx** , press [UNIT] key to select auto off time (3,5,10,off) . Press [ZERO] to select backlight, the display will show **L Aut**, press [UNIT] to select **X** value (**X** stands for AUT, OFF, ON), OFF stands for inactivate backlight function, ON stands for the backlight is always make function. AUTO stands for auto backlight.

4. Press [ZERO] to return to weighing mode.

INSTRUCTION MANUAL

ACIS



AD-i Series


SAFETY PRECAUTIONS

All safety messages are identified by the following the words "WARNING" and "CAUTION". These words mean the following:

△ WARNING	Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.
△ CAUTION	Important information that tells how to prevent damage to equipment.

When using the scale/balance, the following safety precautions should always be followed.

△ WARNING

Use only the AC adaptor with the scale/balance. Other adaptor may cause damage. When the recharging sign“  ” indicates, please charge the battery immediately. When the color of indicator light turns to green from orange, the recharging is finished. Normally, the time for charging is about six to eight hours.

△ CAUTION

Avoid installing the scale/balance in direct sunlight; this may cause discoloration or malfunctions.

Avoid overloading that could cause damage to the scale/balance.


Do not drop water in the scale/balance that is not water-resistant. It causes damage, if inside of the scale/balance is wet.

Matter charged static electricity could influence the weighing. Discharge the static electricity. As example, the method is to use the electrification prevention spray, to spray it to both side of weighing platform.

SPECIFICATIONS



Model number	Capacity	Division
AD-300i	300g	0.01g
AD-600i	600g	0.01g
AD-3000i	3000g	0.1g
AD-6000i	6000g	0.1g
Pan Size	φ 98mm or120 x 135mm or 170x190mm	
Net/gross weight	2100/2800g	
Package	Standard carton: 365x260x165(cm ³)	
	4 Units in one box: 38x54x34(cm ³)	
Operating Temperature	0-40°C (32-104°F)	
Power source	Dry Batteries or AC/DC Adapter	


Counting procedures


1. Press [] to turn on the scale.


Wait for "0" to appear on the display.

2. Start the Count Procedure

If necessary, press [ 0 ] key to set the display to "0".

3. Place a given number of samples of an item on the pan (the Sample Size should be either 10, 20, 50 or 100 pieces). The weight of these samples will show on the display. Press the [] key to put the scale in PCS mode. , the display will show P=X X, press UNIT to select XX value (10, 20 ,50, 100),

4. Press the [] key, the display will show "XX pcs", then the scale will recall the sample size you selected and show the starting sample size on the display (you can now remove the samples if you want to return the scale to 0)


5. Press the [] key to return to the weighing mode

CALIBRATION


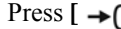
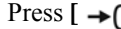


When to calibrate

Calibration may be required when it is initially installed, if the scale/balance is moved to a substantial distance. This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations may occur.

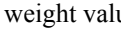
How to calibrate



1. Before entering calibration mode, **There is a switch key on the bottom of the scale. Turn on the switch key first**, press [] to turn the power on for 1 minutes.

2. Enter calibration mode



Press [] to turn the power on. the display will show flash digits and then “-----”, Press [], the display will show “CAL.”, Press [] again , the display will show “X0000 CAL”, X is flash digit. Press [] key the flash digit will move to right; Press [] key to increase the flash digit. (*X is the calibration weight which can be set according to your requirement*).

3. Calibration by the weight

When you selected the calibration weight, and then place the calibration weight on platform. Then press [] key, the display returns to the weight value. Now the calibration is complete.

4. Press [], turn off the power, press [] to turn on the power again, place the weight on the platform to make sure whether weighing is correct, if not, repeat steps 2-4.

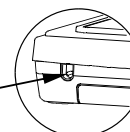
5. Return to weighing mode

Press [] to turn the power off. Press [] again to turn on the power and the scale/balance return to the weighing mode.

PARTS DESCRIPTION

▶ BACK SIDE


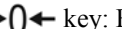
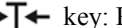



AC adaptor
Socket



▶ TOP



•Key pad function

1.  key: Turn the power on or off.
2.  key: For zero setting of the scale; range of zero set is 4% of total capacity.
3.  key: Press this button to deduct the weight of the container..
4.  key: To print the displayed data.
5.  key: Press this button to toggle between different weighing units .
6.  key: For counting function.


▶ DISPLAY

Low battery indicator


Negative value indicator

STABLE indicator
when the reading is stable.

weighing unit

 indicator



 indicator

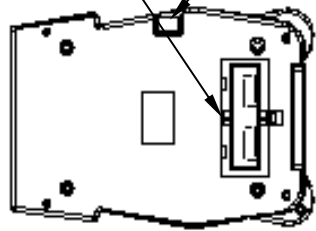
PREPARATION

1. Installing batteries

Batteries

Battery compartment

switch power



Recharge

2. Setting up the scale/balance

△ , CAUTION

Avoid installing the scale/balance in direct sunlight that may cause discoloration or malfunctions. Place your scale/balance on a firm weighing table so that the scale/balance is level. (The scale/balance will not perform accurately when it is not level.)

Place the scale/balance on the firm surface that is flat and level for an accurate weighing.

WEIGHING

Before weighing

Whenever possible, please allow the balance to warm up for 10 minutes after first turning to power on, so that the balance will function properly and accurately.

Error messages

Err-O: Overload

Err-Z : Exceed zero track range when turn on the power

Err- S: The scale is unstable when turn on the power


: Low battery

Weighing procedures

1.Press [] to turn on the balance.

When power is turned on, all display segments appear on LCD for a few seconds and finally "0" will appear on the display.


2.Select the weighing unit with [].

Press [] to select a weighing unit, e.g. "g", "ct", "oz", "dwt"

Once the unit has been selected, the selected unit will be displayed to the weight value.

3.Start weighing

If you do not use a container for weighing


Verify the reading is "0". If not, press [] to display "0".

Place objects on the weighing platform to weigh.

When the reading becomes stable, the stable indicator is displayed.

If you use a container for weighing

Place an empty container on the platform.

Wait for the stability indicator to be displayed and press [].

Place the objects to be weighed in the container.

When the reading becomes stable, the stable indicator is displayed.

FEATURES

- Digital calibration
- Auto zero tracking
- Large LCD Display
- Net weight/stability indication
- Auto shut off
- Auto backlight
- counting function
- g/ct/oz/..... conversion