



Industrial Weighing Systems

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Caution: Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction.

Replace all batteries at the same time. Do not replace only a portion of the 6 batteries as this may cause a malfunction.

If the scale is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage which may cause damage to this scale.

Avoid overloading the scale, as this may cause permanent damage.

Keep the scale away from water. This scale is not water resistant. Shock, injury and electrical damage can occur if used in a wet location!

Matter charged with static electricity could affect accuracy. Discharge all static electricity. As example, one method is to use electrification prevention spray, and spray it on both side of weighing platform.

SPECIFICATIONS

Model number i500 Capacity 500g Division .1g

Model number i1200 Capacity 1200g Division .1g

Platter / Tray 145•~145mm

Net/gross weight 460/650g

Package Standard carton: 22.5•~15.5•~4.8(cm3)

24 Units in one box: 48•~48•~22(cm3)

Operating Temperature 0-40c (32-104f)

Power source 6•~AA Size Batteries or AC/DC

Adapter 9V/100mA (optional)

CALIBRATION

When to calibrate - calibration is RARELY required. Calibration may be required when the scale is first set up for use, or if the scale is moved to a different altitude or gravitation. 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 can occur.

For the i500 you must have an accurate 500 gram weight or a combination of weights that equals 500 grams in order to calibrate.

For the i1200 there are 2 models:

For the 2003 i1200 you must have an accurate 1200 gram weight

Or a combination of weights that equals 1200 grams in order to calibrate.

For the 2004 i1200 you must have an accurate 1000 gram weight

Or a combination of weights that equals 1000 grams in order to calibrate.

For the i2600 (2004-Current models) the correct calibration weight is 2000 grams.

For i2600 (2002 & 2003 models) the correct calibration weight is 2600 grams



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Calibration Procedure:

1. Before entering calibration mode, be sure the scale is powered OFF (must be OFF)
2. Enter calibration mode. Press [ON/OFF] to turn the power off. Press and hold [ZERO] first, then Press [ON/OFF] while keeping the [ZERO] button depressed, the display will show the A/D value (a series of random numbers).
3. Calibration by the weight. Wait for the stable indicator to be displayed, Press [SET] the display will show "00SAVE", after 2 seconds, the display will return to the A/D value.
4. Place the correct calibration weight on platform (see note above), then immediately press [SET], the display will show "00SAVE" and calibration is finished.
5. Press [ON/OFF], turn off the power, calibration is complete.

Counting procedure

1. Press [ON/OFF] to turn on the scale.

Wait for "0" to appear on the display.

2. Start the Count Procedure

If necessary, press [ZERO] 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.
4. Press the [SET] key several times to put the scale in PCS mode (the indicator should be on pcs).
5. Select the sample size (the same as you chose above) by pressing the [PCS] key (press it as many times as necessary to put it in the correct sample size (the sample size is the same as in step three =10、 20、 50 or 100),
6. Press the [SET] key, the display will show "pass", then after 2 seconds, the scale will remember 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)
7. Place the items that you want counted onto the tray and the total number of items will show on the display.
8. Press the "SET" key to exit the counting function and return to normal weighing or you can press ON/OFF to turn the scale off .
NOTE: the weight of unit sample > 10 divisions.



FEATURES

- Auto shut off. Auto calibration
- Auto zero tracking and Auto backlight
- Low battery indication and 8 mode conversion
- Large LCD (6digits 15 mm high)
- Large square stainless steel weighing tray
- Net weight/stability indication
- 0.1 gram division with professional accuracy

PARTS DESCRIPTIONS

Side AC adaptor Socket

Top Weighing platform: The arch face of platform is front, Correct the direction of the pan.

Protectors: Remove these before use

Display

- ON/OFF key: Turns the scale Power on/off.
- MODE key; Changes weighing units, g/oz/ozt/dwt/lb/gn/ct/n.
- ZERO key (for TARE): Sets display to zero or Subtracts weight of a container.
- Zero indicator: Indicates when the scale zero is correct. Weighing unit
- Stable indicator: Indicates when the reading is stable.
- Low battery indicator

Bottom Battery compartment, Battery compartment cover, Batteries: Use 6 AA batteries

PREPARATION

Installing batteries/Connecting the AC adaptor

Remove the battery compartment and insert six Dry batteries (R6P/LR6/AA size) into the battery compartment.

Use extreme care that the polarities plus and minus are correct.

Plug the AC adapter to the AC adapter socket on the side. The AC input requirement could be

100,120,220,230 or 240Volts (50/60Hz) depending on the area where used, so please verify that the adaptor is correct.

Setting up the i500

Caution: Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction. Place your i500/i1200 on a firm weighing table so that the scale is level. (The scale will not perform accurately when it is not level.) Make sure there are absolutely NO air currents or vibrations. They can cause inaccurate readings. Place the scale on a firm surface that is flat and level for accurate weighing.

Weighing

Before weighing, a several second warm up time is required after turning the power on so that the scale will function properly and accurately. Calibration may be required before weighing. Calibration is rarely needed. Read "CALIBRATION" first and if necessary, calibrate your scale for accurate weighing.



Weighing Procedure

1. Press [ON/OFF] to turn on the scale. When the power is turned on, all display segments appear for a few seconds and "0" will appear on the display.
2. Select the weighing unit with [SET]. Press [SET] to select a weighing unit (g, oz, ozt, dwt, etc..). Once the unit has been selected, the selected unit will be displayed next to the weight value.
3. Start weighing. If you do not use a container for weighing, Verify the reading is "0". If not, press [ZERO] 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 [ZERO]. Place the objects to be weighed in the container. When the reading becomes stable, the stable indicator is displayed.

FUNCTION SETTINGS (2003 - Current models only)

1. Enter function setting mode.
Press [ON/OFF] to turn the power off, Press [Mode] first, then press [ON/OFF], while keeping [Mode] pressed, the display will show **b_on** arrow direct to light, this means enter the selection of auto backlight mode. Press [Mode] key again, the display will show **d_on** arrow direct to A-OFF, this means enter the selection of auto shut off mode.
2. Selection of auto backlight mode.
The [ZERO] key use to select auto backlight function, when the scale enter function setting menu and the display will show **b_on** arrow, this means auto backlight function active, press [ZERO] again, the display will not show **b_off** arrow, this means auto backlight function inactive.
3. Selection of auto shut off mode.
The [Mode] key use to select auto shut off function, when the scale enter function setting menu and the display will show **d_on** arrow, this means auto shut off function active. Press [Mode] again, the display will not show **d_off** arrow, this means auto shut off function inactive.
4. Return to weighing mode.
Press [ON/OFF] to turn the power off, press [ON/OFF] again to turn on the power and the scale return to the weighing mode.