

T-Scale



Operation Manual

ATW

Weighing Scales

T-Scale

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5.1 BACKLIGHT SETTING

The display will show "d xx" To select a different increment value press the **TARE** key to change the value then press the **ZERO** key to sure.

The standard is to have the backlight operate automatically, turning off when the scale is not used. The backlight can be set to be "EL ON", "EL AU" (Automatic) or "EL OFF". The maximum battery life is achieved with the backlight turned off.

Press the **TARE** key to change the value then press the **ZERO** key to sure.

NOTE: The weight must be greater than 20 scale divisions for the check-weighing to operate.

To disable the Check-Weighing function enter zero into both limits when the current limits are shown then pressing the **ZERO** key to store the zero values.

Note: you can set high/low limit in normal weighing mode.

3.4 CHANGE WEIGHING UNIT

Press **UNIT** key will change weighing unit circularly. You can select which unit you can use, see section.

4. BATTERY OPERATION

The scales can be operated from the battery if desired. The battery life is approximately 90 hours.

When the battery needs charging the arrow above the low battery symbol under the weight display will turn on. The battery should be charged as soon as the arrow above the symbol is on. The scale will still operate for about 1 hours after which it will automatically switch off to protect the battery.

To charge the battery simply plug into the mains power. The scale does not need to be turned on.

The battery should be charged for 12 hours for full capacity.

Just above the display is an LED to indicate the status of battery charging. When the scale is plugged into the mains power the internal battery will be charged. If the LED is green the battery has a full charge. If it is Red the battery is the battery is being charged.

As the battery is used it may fail to hold a full charge. If the battery life becomes unacceptable then contact your distributor.

5. PARAMETERS

To set parameters press the **limit** and **UNIT** keys at the same time when normal weighing mode.

1. INTRODUCTION

The ATW series of scales provides an accurate, fast series of general purpose weighing scales with hold functions.

It have ABS baby tray on an ABS base assembly.

All the keypads are sealed, color coded membrane switches and the displays are large easy to read liquid crystal type displays (LCD). The LCD's are supplied with a backlight.

All units include automatic zero tracking, tare, and hold function.

2. KEY DESCRIPTIONS

ZERO

Set the zero point for all subsequent weighing. The display shows zero.

A secondary function as "Enter" key when setting parameters or other functions.


TARE

Tares the scale. Stores the current weight in memory as a tare value, subtracts the tare value from the weight and shows the results. This is the net weight.

A secondary function, incrementing the active digit when setting a value for parameters or other functions.

LIMIT

Sets the limits for check weighing. Allows setting of either the low limit or the high limit or both.

Secondary function , is to move the active digit to the right when setting values for parameters or other functions.

UNIT

This key will select either kilograms, pounds, ounce and so on for the weighing unit.

3. OPERATION

3.1 ZEROING THE DISPLAY

You can press the **ZERO** key at any time to set the zero point from which all other weighing and counting is measured, within 4% of power up zero. This will usually only be necessary when the platform is empty. When the zero point is obtained the display will show the indicator for zero.

The scale has an automatic rezeroing function to account for minor drifting or accumulation of material on the platform. However you may need to press the **ZERO** key to rezero the scale if small amounts of weight are shown when the platform is empty.

3.2 TARING

Zero the scale by pressing the **ZERO** key if necessary. The zero indicator will be on.

Place a container on the platform, a value for its weight will be displayed.

Press the **TARE** key to tare the scale. The weight that was displayed is stored as the tare value and that value is subtracted from the display, leaving zero on the display. The "NET" indicator will be on. As product is added only the weight of the product will be shown. The scale could be tared a second time if another type of product was to be added to the first one. Again only the weight that is added after taring will be displayed.

When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all product that was removed. The zero indicator will also be on because the platform is back to the same condition it was when the **ZERO** key was last pressed.

3.3 CHECK-WEIGHING

Check-weighing is a procedure to cause an alarm to sound when the weight on the scale meets or exceeds values stored in memory. The memory holds values for a high limit and a low limit. Either limit can be used or both can be used.

Press the **LIMIT** key. The display will show the current High Limit with the left most digit flashing and the HI symbol on to the left of the display. To change the value shown use the **LIMIT** to select the digit to change. Then use the **TARE** key to increment the flashing digit. When the desired value is shown press the **ZERO** key to accept the value.

After pressing the **ZERO** key the display will then show the Low Limit, the LO symbol will be on to the left side of the display Enter the low limit in the same way the high limit was entered.

After pressing the **ZERO** key the scale will return to weighing with the Check-weighing function enabled.

When a weight is placed on the scale the arrows will show if the weight is above or below the limits and the beeper will sound as described below.

BOTH LIMITS SET

The display will show OK and the beeper will sound when the weight is between the limits.

LOW LIMIT SET, HIGH LIMIT is set to zero

The display will show OK and the beeper will sound when the weight is less than the Low Limit. Above the Low Limit the display will show HIGH and the beeper will be off.

HIGH LIMIT SET, LOW LIMIT is set to zero

The display will show LOW and the beeper will be off when the weight is less than the High Limit. Above the High Limit the display will show OK and the beeper will be on.

BOTH LIMITS SET. LOW is set greater than HIGH

The beeper will never sound and the display will show LOW if the weight is less than the LOW limit, and HIGH if the weight is greater than the Low Limit.