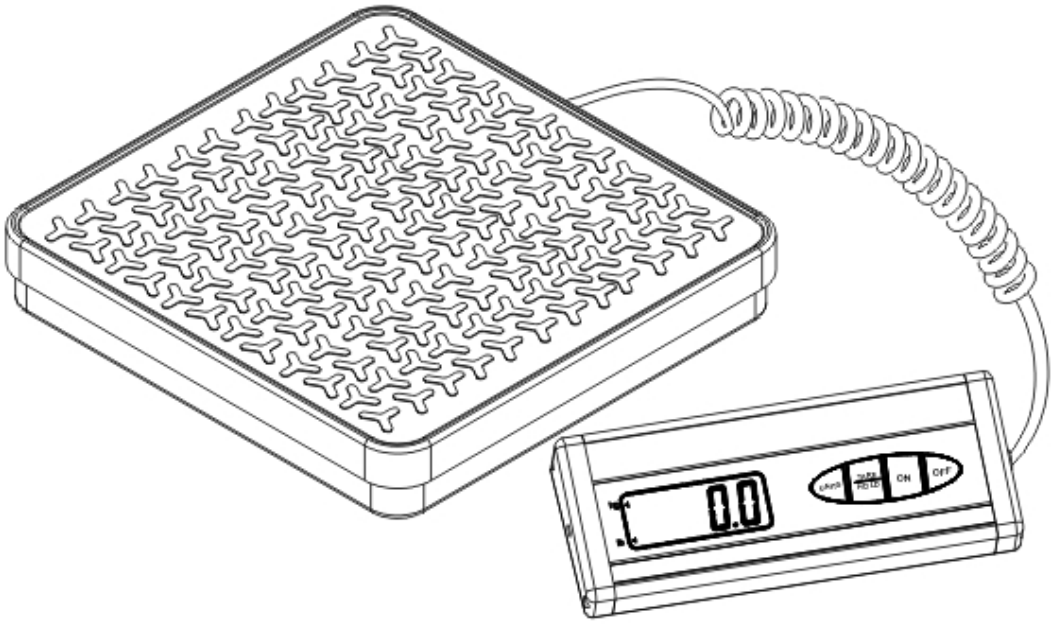
Model PS 150 and PS 400

Digital Receiving Scale



User Instructions

AWT 35-500826
Issue AE

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1 General Information and Warnings

The Model PS 150 is a 150lb Digital Receiving Scale. The Model PS 400 is a 400lb Digital Receiving Scale. Both units are powered with batteries. The scale is equipped with a movable display that can be placed on the work surface or mounted to the wall.

1.1 About this Manual

This manual is divided into chapters by the chapter number and the large text at the top of a page. Subsections are labeled as shown by the 1 and 1.1 headings shown above. The names of the chapter and the next subsection level appear at the top of alternating pages of the manual to remind you of where you are in the manual. The manual name and page numbers appear at the bottom of the pages.

1.1.1 Text Conventions

The keys used to interface with the PS 150 and PS 400 are located on the front panel of the indicator. The keystrokes are shown in **BOLD** incased between brackets. (e.g. **[ZERO]**)

Displayed messages appear in ***bold italic*** type and reflect the case of the displayed message.

1.1.2 Special Messages

Examples of special messages you will see in this manual are defined below. The signal words have specific meanings to alert you to additional information or the relative level of hazard.

CAUTION!
This is a Caution symbol.
Cautions give information about procedures that, if not observed, could result in damage to equipment or corruption to and loss of data.

ELECTRICAL WARNING!
THIS IS AN ELECTRICAL WARNING SYMBOL.
ELECTRICAL WARNINGS MEAN THAT FAILURE TO FOLLOW SPECIFIC PRACTICES OR PROCEDURES MAY RESULT IN ELECTROCUTION, ARC BURNS, EXPLOSIONS OR OTHER HAZARDS THAT MAY CAUSE INJURY OR DEATH.

NOTE: This is a Note symbol. Notes give additional and important information, hints and tips that help you to use your product.

1.2 FCC Compliance Statement

WARNING! This equipment generates, uses and can radiate radio frequency and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference in which case the user will be responsible to take whatever measures necessary to correct the interference.

You may find the booklet "How to Identify and Resolve Radio TV Interference Problems" prepared by the Federal Communications Commission helpful. It is available from the U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 001-000-00315-4.

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1.3 Declaration of Conformity

Brecknell is part of Avery Weigh-Tronix

Foundry Lane, Smethwick, West Midlands, B66 2LP, England

CE

Declaration of Conformity | **Konformitätserklärung**
Verklaring van Overeenstemming | **Dichiarazione di conformità**
Déclaration de Conformité | **Declaración de Conformidad**

Manufacturer	Avery Weigh-Tronix
Type	Brecknell PS150, PS400
corresponds to the requirements of the following EC directives:	
EMC Directive	2004/108/EC
The applicable harmonised standards are:	
	EN61000-6-1:2007 EN61000-6-3:2007 +A1:2011
ITW Ltd trading as Avery Weigh-Tronix Foundry Lane, Smethwick, West Midlands, B66 2LP, England Reg. Office: Admiral House, St Leonards Road, Berkshire SL4 3BL, England Registered in England No. 00559693	

Fabrikant	Avery Weigh-Tronix
Type	Brecknell PS150, PS400
is in overeenstemming met de voorschriften van de volgende EG richtlijnen:	
EMC Richtlijn	2004/108/EG
Toegepaste geharmoniseerde normen:	
	EN61000-6-1:2007 EN61000-6-3:2007 +A1:2011
ITW Ltd trading as Avery Weigh-Tronix Foundry Lane, Smethwick, West Midlands, B66 2LP, England Reg. Office: Admiral House, St Leonards Road, Berkshire SL4 3BL, England Registered in England No. 00559693	

Fabricant	Avery Weigh-Tronix
Type	Brecknell PS150, PS400
correspond aux exigences des directives CE suivantes :	
Directive CEM	2004/108/CE
Les normes harmonisées applicables sont :	
	EN61000-6-1:2007 EN61000-6-3:2007 +A1:2011
ITW Ltd trading as Avery Weigh-Tronix Foundry Lane, Smethwick, West Midlands, B66 2LP, England Reg. Office: Admiral House, St Leonards Road, Berkshire SL4 3BL, England Registered in England No. 00559693	

Hersteller	Avery Weigh-Tronix
Typ	Brecknell PS150, PS400
entspricht den Anforderungen folgender EG–Richtlinien:	
EMV-Richtlinie	2004/108/EG
Die angewendeten harmonisierten Normen sind:	
	EN61000-6-1:2007 EN61000-6-3:2007 +A1:2011
ITW Ltd trading as Avery Weigh-Tronix Foundry Lane, Smethwick, West Midlands, B66 2LP, England Reg. Office: Admiral House, St Leonards Road, Berkshire SL4 3BL, England Registered in England No. 00559693	

Produttore	Avery Weigh-Tronix
Modello	Brecknell PS150, PS400
è conforme alle caratteristiche previste dalle seguenti direttive CE:	
Normativa EMC	2004/108/CE
Le norme standard armonizzate e nazionali applicate sono:	
	EN61000-6-1:2007 EN61000-6-3:2007 +A1:2011
ITW Ltd trading as Avery Weigh-Tronix Foundry Lane, Smethwick, West Midlands, B66 2LP, England Reg. Office: Admiral House, St Leonards Road, Berkshire SL4 3BL, England Registered in England No. 00559693	

Fabricante	Avery Weigh-Tronix
Tipo	Brecknell PS150, PS400
conforme a las exigencias de las siguientes directivas CE:	
Directiva CME	2004/108/CE
Las normas armonizadas en vigor son:	
	EN61000-6-1:2007 EN61000-6-3:2007 +A1:2011
ITW Ltd trading as Avery Weigh-Tronix Foundry Lane, Smethwick, West Midlands, B66 2LP, England Reg. Office: Admiral House, St Leonards Road, Berkshire SL4 3BL, England Registered in England No. 00559693	

Signature/Name Handtekening/Naam Signature/Nom Unterschrift/Name Firma/Nome Firma/Nombre	K. Detert Global Head of R&D	Authorised signatory for Avery Weigh-Tronix Namens van Avery Weigh-Tronix Signataire autorisé d'Avery Weigh-Tronix Unterschriftsberechtigter für Avery Weigh-Tronix Firmatorio autorizzato per Avery Weigh-Tronix Firmante autorizado para Avery Weigh-Tronix	Date Datum Date Datum Data Fecha
		8 January 2014	

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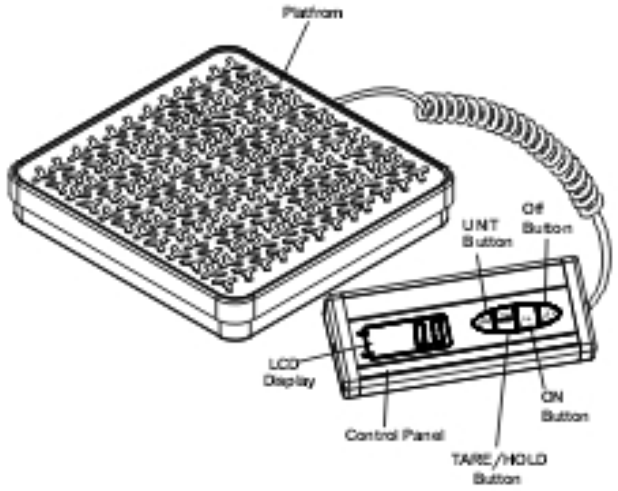
1.4 Specifications

Capacity (LB):	PS 150 = 150lb x 0.2lb
	PS 400 = 400lb x 0.5lb
Capacity (KG):	PS 150 = 70kg x 0.1kg
	PS 400 = 181kg x 0.2kg
Power Source:	6 AA batteries with automatic shut-off
LCD Display	1” digit size displays weight

1.5 Description of Parts

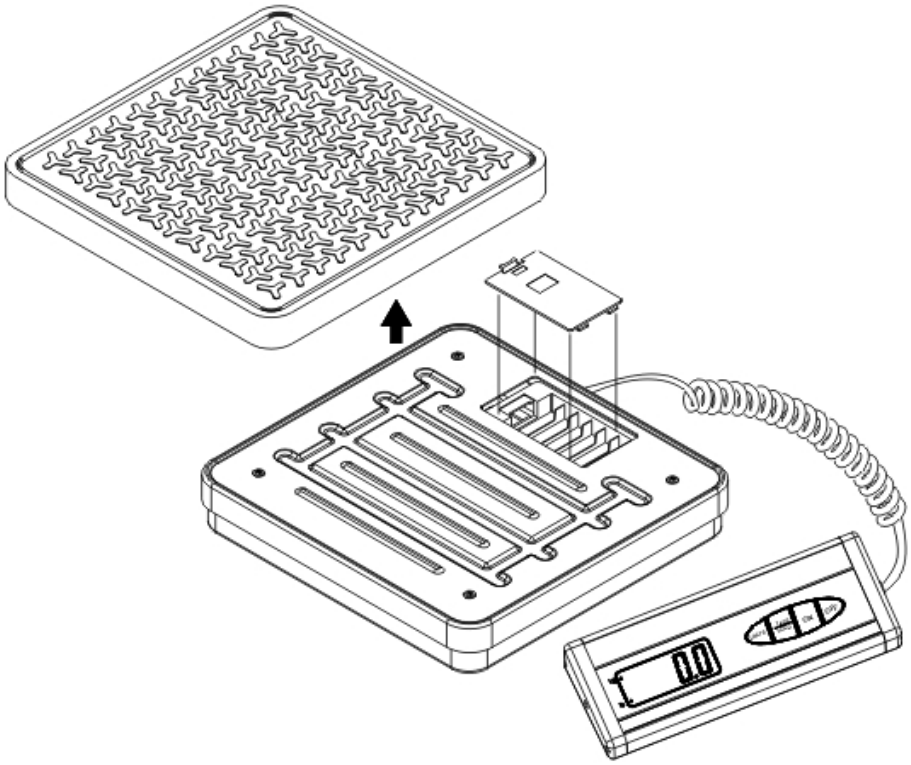


1.6 Installation

1. Remove scale from the box along with control panel.
2. Install batteries. Refer to section 1.7.

1.7 Battery Installation

The Digital Receiving Scale operates with (6) "AA" batteries (Alkaline preferred).



1. Place unit upright on a flat surface and lift platform from top of scale.
2. Remove battery compartment door and insert batteries into compartment. Make certain to observe the correct polarity.
3. Replace compartment door and platform cover on scale.

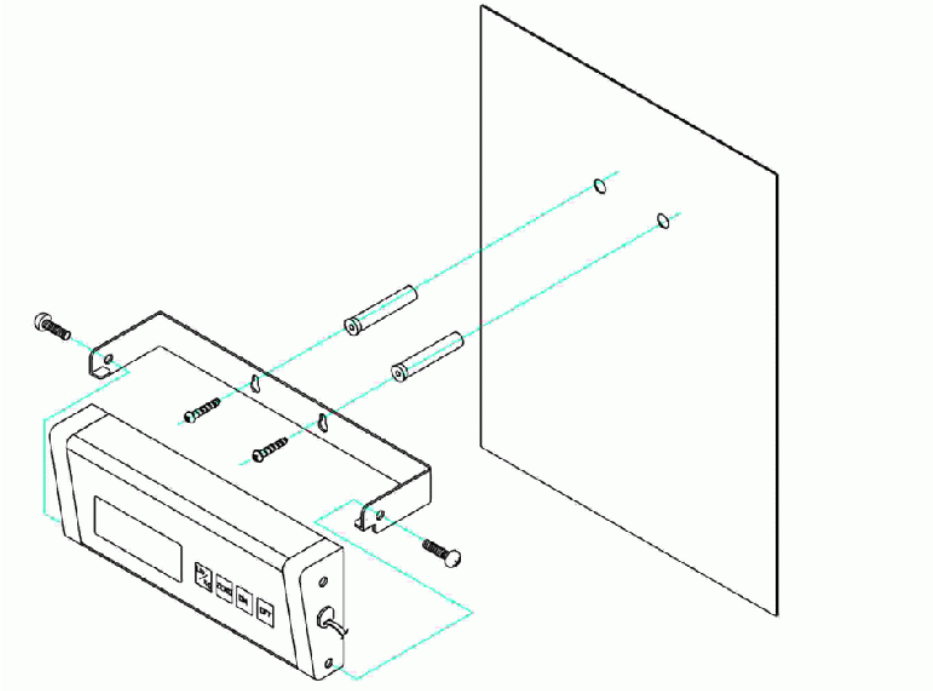
1.8 Auto Shut-off Feature

This feature makes the scale shut-off after 2 minutes of nonuse to conserve the battery. You can disable this feature and the scale will operate continuously.

1. With the scale off, press the **[UNITS]** button and hold down.
2. Press and hold **[ON]** button, while holding the **[UNITS]** button down.
3. The display will show "8888 " and then "A_oF " will appear. The auto-off feature is now de-activated. Release the buttons.
4. To make the auto-off active again, repeat step 1 and 2 and "A_on " will appear. The auto-off is now functional.

1.9 Mounting the Indicator

1. Mount bracket to wall using (2) screws that are appropriate anchors for the surface being mounted to.
2. Lower control panel into mounted bracket. Insert flat tip screws (included) through round holes in mounting bracket and drive the screws into existing threaded holes in lower half of control panel to secure control panel to bracket.



1.10 Routine Maintenance

IMPORTANT: This equipment must be routinely checked for proper operation and calibration.
Application and usage will determine the frequency of calibration required for safe operation.

Always turn off the machine and isolate from the power supply before starting any routine maintenance to avoid the possibility of electric shock.

1.11 Sharp Objects

Do not use sharp objects such as screwdrivers or long fingernails to operate the keys.

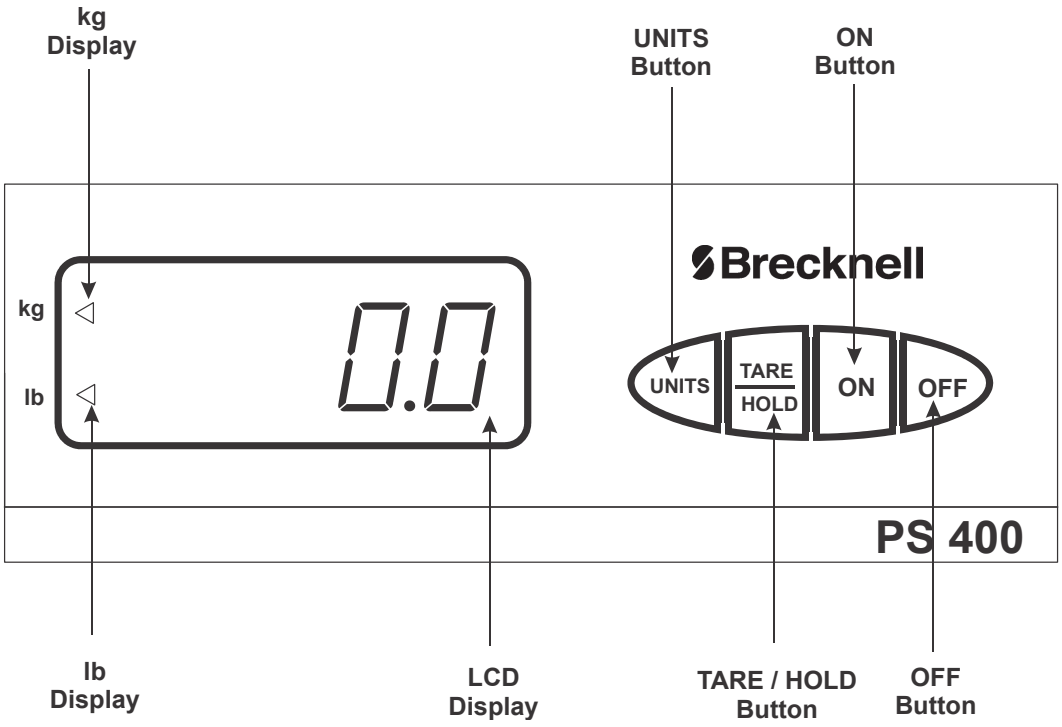
1.12 Cleaning the Indicator

Table 1.1 Cleaning DOs and DON'Ts

DO	DO NOT
Wipe down the outside of standard products with a clean cloth, moistened with water and a small amount of mild detergent	Attempt to clean the inside of the indicator
	Use harsh abrasives, solvents, scouring cleaners or alkaline cleaning solutions
Spray the cloth when using a proprietary cleaning fluid	Spray any liquid directly on to the display window

2 General Operation

2.1 Display and Function



2.2 Keypad

Tare/Hold Button

When pressed one time the scale will tare (zero out) the load on the platform. When pressed and held for 2 -3 seconds any load on the scale will continue to show on the display even after the load has been removed.

Units Button

When pressed, converts the displayed weight from pounds to kilograms or from kilograms to pounds.

ON Button

When pressed turns scale "ON".

OFF Button

When pressed turns scale "OFF".

2.3 Functions

2.3.1 Power on

To turn the scale on, press the button marked "ON". The display will first show " 8888" for approximately two (2) seconds, then display " 00". This indicates that the scale is ready for use.

2.3.2 Weighing

When the display shows "00 " it is ready to weigh an object. If the object exceeds the capacity of the scale by more than 5%, the display will show "oooo".

Until the overload condition is reached, objects can be placed on the platform, with the display showing the total weight of all objects on the platform.

2.3.3 Tare Operation

To tare (zero out) a load on the platform (i.e.: the weight of a container), press the button marked "TARE/HOLD" one time. When this is done, the display will show the value "00 ". This could be followed by the addition of another load, if so desired. The display will show the sum of all additional loads above and beyond the tared load.

2.3.4 Tare Capability

A load of up to the capacity of the scale can be tared (zeroed out).

When a load is tared, an additional load up to the full capacity of the scale can be weighed.

Example: If a scale with a capacity of 150 lbs has a load of 20 lbs on that scale is tared (zeroed out), an additional load or loads of up to 130 lbs can be weighed.

2.3.5 Weight hold

To activate weight the hold feature.

1. Press and hold the **[HOLD]** button for 3 seconds. The display shows "H_ on".

1a. Weigh Hold is now active, until turned off or the scale goes to sleep.

2. Place a package on the scale, allow the scale weight to become stable. Remove the package, the weight of the package will remain on the display.

2a. If the loading weight is bigger than the weight that shows on the display, the displayed weight will be updated by the new weight.

3. To perform another weight hold transaction, press the **[HOLD]** key to zero the scale, repeat step 2.

4. To turn off the weight hold feature, press and hold the **[HOLD]** button for 3 seconds. The display shows "H_oF".

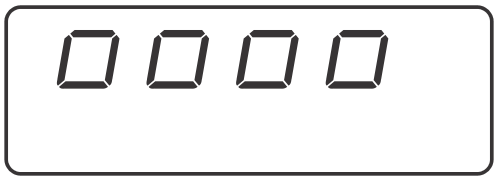
2.4 Error and Status Messages

2.4.1 Low Battery

If battery is discharged, the display will show the"bAtt" message. The operator should replace the batteries.

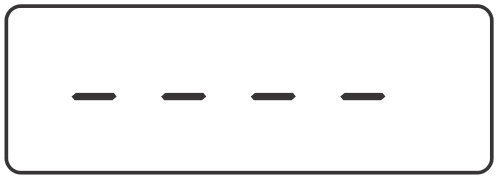
2.4.2 Over Load

If the total load exceeds the maximum capacity of scale, the display will show the "OOOO" message. The weight must be removed from the platform and not allowed to remain on the platform.



2.4.3 Minus Weight

If the weight value is less than -99.9 lbs, the display will show the following: "----".To adjust the minus weight, press the **[HOLD]** button.



2.4.4 EPROM Failure

If the "ErrE" message appears, the operator should contact their scale service representative.

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