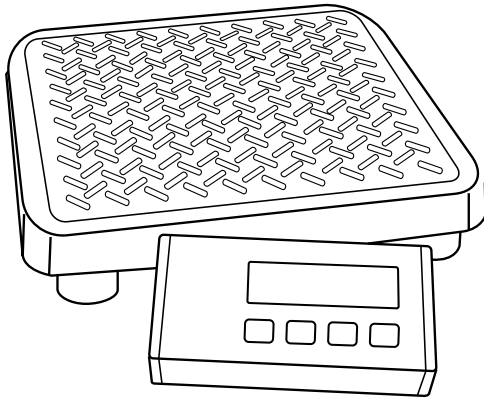




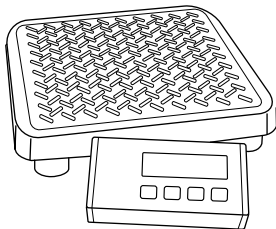
# PD750 EXTREME



## USER MANUAL

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# PD750 EXTREME



ENGLISH



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Thank you for purchasing the My Weigh® PD-750 EXTREME heavy duty scale. This scale is designed to provide years of accurate weighing. Please read this entire manual before use. If you have any questions about your scale or have troubleshooting concerns, please visit our website at [www.myweigh.com](http://www.myweigh.com).

## SPECIFICATIONS

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<b>Model</b>	<b>PD70 EXTREME</b>
<b>Capacity</b>	300kg/750lb/54st
<b>Accuracy</b>	0.1kg/0.2lb

## POWER SUPPLY

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The PD-750 EXTREME scale was designed to run with 9.0V / 300 mA AC power (ac adapter included) or optional 6x AA batteries. The AC adaptor plugs into the socket on the rear of the scales weighing indicator. If you want to use batteries, please install them in the battery compartment on the underside of the base of the scale.

### Battery Installation

For battery installation, turn over the scale, you'll see the battery compartment on the underside of the base of the scale, lift and open (see the enclosed drawing Fig1) the battery cover, remove and/or install the batteries. Be sure that the batteries are installed correctly following the polarity indicators in the battery compartment. Reinstall the battery cover.


## OPERATION INSTRUCTIONS

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Only operate the scale on a flat, level surface that is stable and durable enough to support the scale and the items being placed on the scale. Either place the remote display box together with the scale on its surface or mount the display box on a wall at a suitable height with the included wall mounting kit.

### Weighing Procedures

Press the  key to turn on the scale, the display will show "750.00lb". The display will then show "0.00". The scale is now ready for use. To begin weighing, follow these steps:

1. Press and release the  key, the scale is now set at its zero point. If you press and hold the key, then the scale will turn off.
2. Press the [M] key to change the weighing unit between lb, kg and st.
3. Press the [T] key to TARE or Zero the scale
4. Press the [D] key to transmit the data through the USB port

### Display Messages

**750.00:** the scales maximum capacity is 750.00lbs, the scale is attempting to locate the proper zero position for accurate weighing.

**0 -----:** the zero is too high

**A.OFF.x:** auto-off time

**CAL-Er:** calibration error

**CAL-0:** calibration zero indicator

**CAL-F:** calibration full capacity indicator

**A.ch.Er:** an A/D converter path error

**EEP.Er:** writing & reading memory chip error


**----- :** overload - weight exceeds maximum capacity

**\_\_\_\_\_ :** weight is less than minimum capacity

**Lo:** low voltage

**SCL.x** transmission protocol indicator

### Programming the Auto-off Time

1. Press down the [D] key until the indicator displays "A.OFF.X" (X=0.1.2.3.4.5.6.7.8.9 minutes), the display value "X" is the auto-off time, when the "X" value is "0", the auto-off function is disabled. NOTE: The default factory setting is X=0
2. To change the auto-off time press the [M] or [D] key; the X value will increase or decrease by 1, press the [T] key to confirm the auto-off time setting.
3. To exit the auto-off timer programming, press the  key, the display will then reset.

### Connecting to a PC computer

1. Insert the installation CD provided and follow the on screen instructions.
2. Connect the scale indicator to the PC using the USB cable.
3. Open the software by clicking PD750 icon and the display will be shown on screen.

## CALIBRATION


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**Calibration is only for ADVANCED USERS or scale technicians and should only be performed if absolutely necessary.**

There are two calibration methods available: one is using standard professional calibration weights, the other is the selection of different geographic location codes (gravity mode). The following is detail:

1. Press down the [T] key until the indicator displays "GE.Uxx", "GE.oxx" or "GE. FAC".
  - a. "GE.Uxx" means: USA geographic location code "xx" is selected.
  - b. "GE. FAC" means: Factory geographic location code is selected.
  - c. "GE.oxx" means: Other(except for USA and Factory) geographic location code "xx" is selected.
2. Press the [M] or [D] key to change the geographic location code; please refer the geographic location code table and maps at the end of the manual.
3. After selecting the appropriate geographic location code, press the [T] key, the scale will store your selection and display "CAL-0" or "Go.on?" (? is flashed).

If "CAL-0" is displayed, that means the scale must be calibrated once more by using standard weights and you should proceed to the next step;

If "Go.on?" is displayed and the  key is pressed, the scale will use the selected geographic location code and reset automatically to resume normal weighing mode;

If "Go.on?" is displayed and the [T] key is pressed, the scale will display "CAL-0" and you should proceed to the next calibration step.

4. Remove all weights from the scale platform, press the [T] key, the "0" in "CAL-0" will flash.
5. After the reading (0.00) becomes stable, the scale will display "CAL-F"; place the correct standard weight(s) on the platform (300kg) press the [T] key, the "F" in "CAL-F" will flash.
6. After the readings are stable, the indicator will display "CAL-0"; remove the weight(s) from the platform, press the [T] key; the "0" in "CAL-0" will flash, and then the display will reset after 2-3 seconds.

Calibration is now complete.

## GRAVITY MODE

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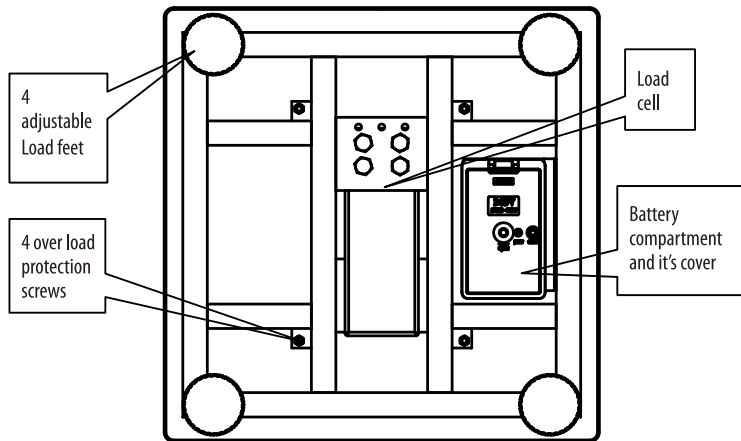
The Gravity Mode feature provides a means of adjusting the scale's internal calibration factors to compensate for variations in acceleration due to gravity at different geographic locations. These differences can cause a given mass to indicate a slightly different weight at an end-users (local) site than it did at the Calibration (CAL) site.

The scale maintains two gravity setting values: one is local site gravity value; the other is calibration site gravity value. The scale will use the relationship between calibration and local gravity for its weight calculations.

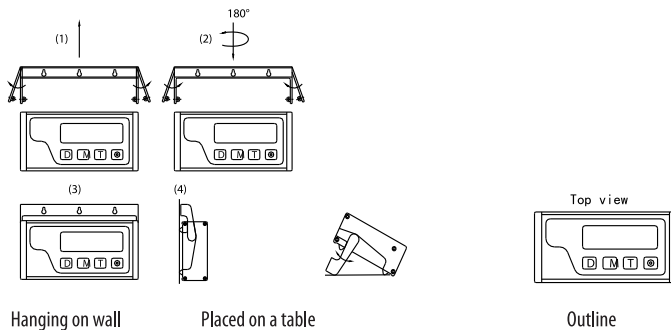
We have compiled a list of local gravity values for some areas of the world. You only need select the index number of them according to the above step1 to step3. The latitude and altitude of your location both effect gravity and the calibration of your scale. It is important to select the proper code. If your location is not listed, select closest one. This kind of adjustment needs no calibration weights.

However, whenever possible, we **strongly** recommend that you calibrate the scale by using standard professional calibration weights.

**Fig1: Bottom view of the scale**



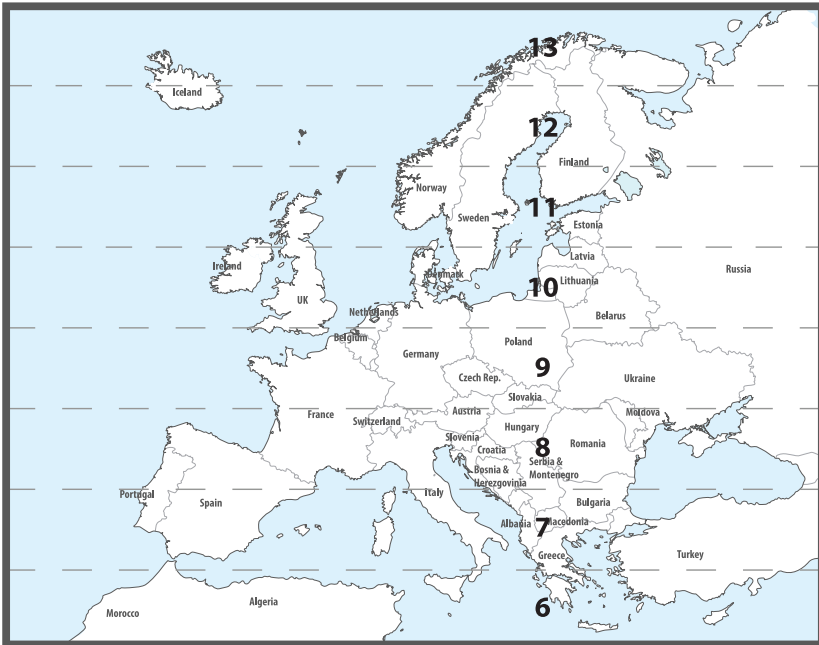
**Fig 2: Indicator's outline and placement positioning**



SPECIFICATIONS	
<b>Model</b>	PD750 EXTREME
<b>Capacity</b>	300kg/750lb/54st
<b>Accuracy</b>	0.1kg/0.2lb
<b>Units</b>	lb, kg, st
<b>Platform dimension</b>	355mm x 355mm x 50mm
<b>Display dimension</b>	165mm x 82.5mm
<b>Scale Weight</b>	6.5kg
<b>Operating temperature</b>	Optimum -20 to +40°C (-4 to 104°F)
<b>Power Source</b>	9.0V / 300 mA AC Power adaptor / 6x AA Batteries

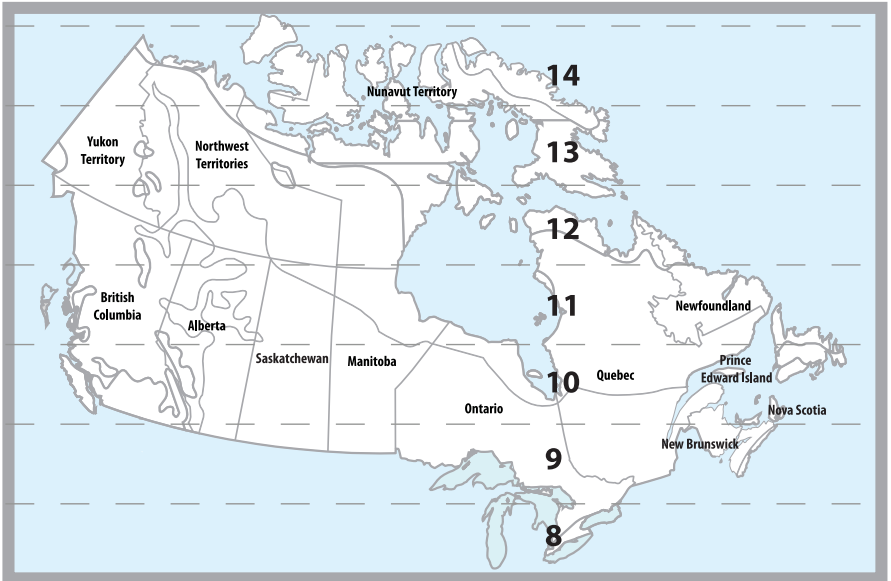


## Europe Geographic Location Codes



Country	Code	Country	Code	Country	Code
<b>Albania</b>	8	<b>Greece</b>	7	<b>Russia</b>	
<b>Andorra</b>	8	<b>Holy See (Vatican City)</b>	8	<b>Moscow &amp; North</b>	12
<b>Austria</b>	9	<b>Hungary</b>	9	<b>South of Moscow</b>	10
<b>Belarus</b>	10	<b>Iceland</b>	12	<b>Spain</b>	
<b>Belgium</b>	10	<b>Ireland</b>	10	<b>Madrid &amp; North</b>	8
<b>Bosnia and Herzegovina</b>	8	<b>Italy</b>	8	<b>South of Madrid</b>	7
<b>Bulgaria</b>	8	<b>Latvia</b>	11	<b>Serbia and Montenegro</b>	8
<b>Croatia</b>	9	<b>Liechtenstein</b>	9	<b>Slovakia</b>	9
<b>Czech Republic</b>	9	<b>Lithuania</b>	11	<b>Slovenia</b>	9
<b>Denmark</b>	11	<b>Luxembourg</b>	9	<b>San Marino</b>	8
<b>Estonia</b>	11	<b>Macedonia</b>	8	<b>Sweden</b>	
<b>Faroe Islands</b>	12	<b>Malta</b>	7	<b>North of Stockholm</b>	12
<b>Finland</b>	12	<b>Moldova</b>	9	<b>Stockholm &amp; South</b>	11
<b>France</b>		<b>Monaco</b>	8	<b>Switzerland</b>	9
<b>Lyon &amp; North</b>	9	<b>Netherlands</b>	10	<b>Ukraine</b>	9
<b>South of Lyon</b>	8	<b>Norway</b>	12	<b>United Kingdom</b>	
<b>Germany</b>		<b>Poland</b>	10	<b>North of Newcastle</b>	11
<b>Frankfort &amp; North</b>	10	<b>Portugal</b>	7	<b>Newcastle &amp; South</b>	10
<b>South of Frankfort</b>	9	<b>Romania</b>	8		
<b>Gibraltar</b>	7				

## Canada Geographic Location Codes

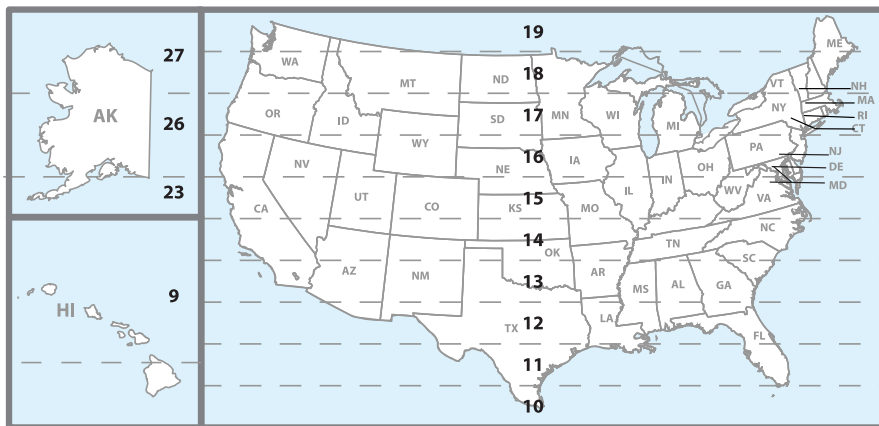


State	Code	State	Code
<b>Alberta</b>		<b>Prince Edward Island</b>	9
North of Edmonton	11	<b>Quebec</b>	
Edmonton & South	10	North of Schefferville	11
<b>British Columbia</b>		Between Schefferville & Sept-Iles	10
North of Prince George	11	Sept-Iles & South	9
Prince George & South	10	<b>Saskatchewan</b>	
<b>Manitoba</b>		North of Prince Albert	11
North of Norway House	11	Prince Albert & South	10
Norway House & South	10	<b>Northwest Territories</b>	
<b>New Brunswick</b>	9	Echo bay & North	13
<b>Newfoundland</b>		South of Echo bay	12
North of Hopedail	11	<b>Nunavut Territory</b>	
Between Hopedail & Fleur de lys	10	Victoria Island & North	14
Fleur de lys & South	9	Between Victoria Island & Baker Lake	13
<b>Nova Scotia</b>	8	South of Baker Lake	12
<b>Ontario</b>		<b>Yukon Territory</b>	
North of Nakina	10	North of Dawson	13
Nakina & South	9	Dawson & South	12

<b>Illinois</b>	16	<b>Pennsylvania</b>	16
Bloomington & North	15	<b>Rhode Island</b>	16
South of Bloomington		<b>South Carolina</b>	13
<b>Indiana</b>	16	<b>South Dakota</b>	17
North of Indianapolis	15	<b>Tennessee</b>	13
Indianapolis & South		<b>Texas</b>	
<b>Iowa</b>	17	Northeast of Colorado River	12
North of Des Moines	16	Southwest of Colorado River	11
Des Moines & South	14	<b>Utah</b>	13
<b>Kansas</b>	14	<b>Vermont</b>	17
<b>Kentucky</b>	12	<b>Virginia</b>	14
<b>Louisiana</b>	18	<b>Washington. DC</b>	15
<b>Maine</b>	15	<b>Washington State</b>	18
<b>Maryland</b>	17	<b>West Virginia</b>	15
<b>Massachusetts</b>		<b>Wisconsin</b>	
<b>Michigan</b>	18	Green Bay & North	18
Northwest of Lake Michigan	17	South of Green Bay	17
Southeast of Lake Michigan	18	<b>Wyoming</b>	
<b>Minnesota</b>		North of Casper	15
		Casper & South	14



## USA Geographic Location Codes



State	Code	State	Code
<b>Alabama</b>		<b>Mississippi</b>	
Birmingham & North	13	Kosciusko & North	13
South of Birmingham	12	South of Kosciusko	12
<b>Alaska</b>		<b>Missouri</b>	
North of Fairbanks	27	North of Springfield	15
Between Anchorage & Fairbanks	26	Springfield & South	14
South of Anchorage	23	<b>Montana</b>	
<b>Arizona</b>		Helena & North	18
Phoenix & North	12	South of Helena	17
South of Phoenix	11	<b>Nebraska</b>	
<b>Arkansas</b>		15	
13		<b>Nevada</b>	
<b>California</b>		13	
Redding & North	16	<b>New Hampshire</b>	
Between Redding & Fresno	15	17	
Fresno & Los Angeles	14	<b>New Jersey</b>	
Los Angeles & South	13	16	
<b>Colorado</b>		<b>New Mexico</b>	
Denver & North	13	11	
South of Denver	12	<b>New York</b>	
<b>Connecticut</b>		Albany & North	17
16		South of Albany	16
<b>Delaware</b>		<b>North Carolina</b>	
15		Raliegh & North	14
<b>Florida</b>		South of Raliegh	13
West Palm Beach & North	11	<b>North Dakota</b>	
South of West Palm Beach	10	18	
<b>Georgia</b>		<b>Ohio</b>	
12		Akron & North	16
<b>Hawaii</b>		South of Akron	15
9		<b>Oklahoma</b>	
<b>Idaho</b>		13	
North of Salmon River Mtns	17	<b>Oregon</b>	
South of Salmon River Mtns	16	Salem & North	18
		Between Oakridge & Salem	17
		South of Oakridge	16