





**LS-100 "Weightless" Calibrate Instructions**

1. Make sure that the scale is plugged into a proper outlet and that the *Power Switch* is **OFF**.
2. Locate the *CAL Switch* which is under the platter on the front left side of the scale. You may need to remove the *CAL Plate* to expose the *CAL Switch*.
3. Press and hold down the *CAL Switch* as you place the *Power Switch* in the **ON** position.
4. Once the displays read , release the *CAL Switch*.
5. Press **1**, **3**, **7**, **7**, **5**, **5**, **9**, **PRINT**, and then **2**.
6. Press the **PRINT** key 11 times until the LCD display reads .
7. The displays should read ; however, the value in the Total Price Display may be different. This value is the value **g** representing the acceleration due to gravity, which can vary from location to location.
8. Listed below is a table that shows the values for **g** at different places. Please choose the location closest to yours in altitude and geography. Type the value using the numeric keypad. Remember that the decimal point is automatic.
9. Press **SAVE**, **ESC**, **ESC**, **4**, and then **ZERO**.
10. The scale displays should show . You are done.

**Acceleration Due to Gravity, g in m/s<sup>2</sup>**

Country	City	G-Constant	Country	City	G-Constant
Argentina	Buenos Aires	9.7979	Mexico	Mexico City	9.7799
Australia	Sydney	9.7979	Morocco	Rabat	9.7964
Austria	Vienna	9.8099	Netherlands	Amsterdam	9.8129
Belgium	Brussels	9.8114	New Zealand	Wellington	9.8039
Belize	Manamah	9.7904	Norway	Oslo	9.8189
Bolivia	La Paz	9.7844	Panama	Panama City	9.7814
Brazil	Brasilia	9.7889	Peru	Lima	9.7829
Canada	Montreal	9.8069	Philippines	Manila	9.7844
	Ottawa	9.8069	Poland	Swider	9.8159
	Toronto	9.8054	Portugal	Lisbon	9.8009
	Vancouver	9.8099	Rumania	Bucharest	9.8054
Check Republic	Prague	9.8114	Saudi Arabia	Riyad	9.7904
Chile	Santiago	9.7979	Scotland	Stockholm	9.8189
China	Hong Kong	9.8099	Singapore	Singapore	9.7814
Colombia	Bogota	9.7799	South Africa	Johannesburg	9.7919
Costa Rica	San Jose	9.7829	Spain	Madrid	9.8024
Cypruss	Nicosia	9.7979	Switzerland	Bern	9.8084
Denmark	Copenhagen	9.8159	Taiwan	Taipei	9.7904
Ecuador	Quito	9.7724	Tunisia	Tunis	9.7799
Finland	Helsinki	9.8189	Turley	Ankara	9.8024
Germany	Dusseldorf	9.8129	Uruguay	Montevideo	9.7964
Great Britain	London	9.8144	USA	Anchorage	9.8189
Greece	Athens	9.8009		Atlanta	9.7964
Guatemala	Guatemala City	9.7844		Boston	9.8039
Hungary	Budapest	9.8069		Chicago	9.8024
Indonesia	Djakarta	9.7814		Dallas	9.7949
Iraq	Baghdad	9.7964		Detroit	9.8039
Japan	Mishima	9.7979		Los Angeles	9.7979
Korea	Seoul	9.7994		New York	9.8024
Kuwait	Kuwait	9.7919		Philadelphia	9.8024
Lebanon	Beirut	9.7964		San Francisco	9.7994
Mauritius	Port Louis	9.7859		Venezuela	Caracas