

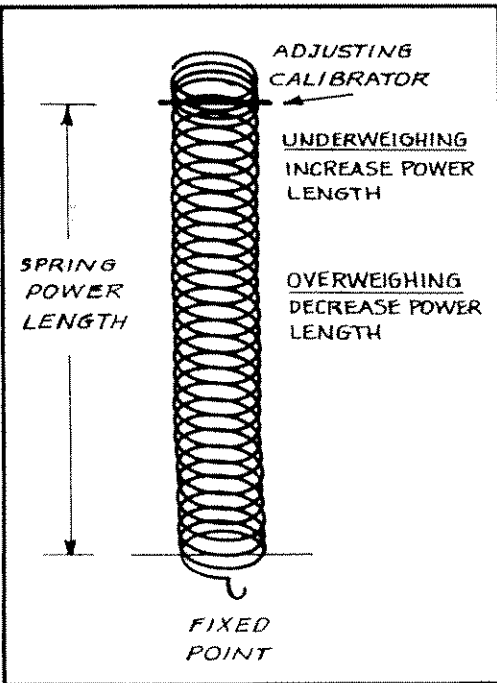


universal DIAL SCALES

The *Accu-Weigh Universal Dial scales are fairly simple, yet amazingly accurate weighing machines. Each unit is equipped with a temperature compensated double spring mechanism which requires virtually no maintenance.

Weight readings are obtained by extension of pre-adjusted springs through a vertical lever system. The two springs are factory adjusted and are equipped with "calibrators" which are used to increase or decrease the "power length" of the springs (See figure 1). From time to time, it is recommended to place, on the center of the platform, a test weight equal to the maximum capacity of the scale. If necessary and to compensate for possible general metal fatigue due to extensive usage, remove the two side panels and follow these simple instructions to quickly restore correct calibration:

a) If the indicator shows less than the correct weight, the "power length" of the spring must be **INCREASED** by turning the calibrator (or the spring-whichever is the easiest) accordingly. (See figure 1) For each graduation of required adjustment, turn the "calibrator" approximately 1/4 turn. This correction must be made



equally on **BOTH** springs. Then, re-set the zero and check the scale at full capacity. Repeat this operation until correct weighing is restored, keeping in mind that, after each spring adjustment, the "zero" balance must be re-set before test weighing.

b) If the indicator shows **MORE** than the correct weight, the "power length" of the springs must be **DECREASED** by turning the "calibrator" (or the spring-whichever is the easiest) accordingly. (See figure 1) For each graduation of required adjustment, turn the "calibrator" approximately 1/4 turn. This correction must be made equally on **BOTH** springs. Then, re-set the "zero" and check the scale at full capacity. Repeat this operation until correct weighing is restored, keeping in mind that, after each spring adjustment, the "zero" balance must be re-set before test weighing.

For Models equipped with air dashpots, from time to time remove the two side panels and open the dampening adjustment screw to its maximum position. Move the platform up and down vigorously several times to chase out any foreign material or water that could possibly plug up the air hole.

Re-adjust to desired dampening action.

Your *Accu-Weigh Universal Dial scale will deliver sustained accuracy for a long, long time provided that you treat it with the minimum amount of precaution due any precision instrument. It is recommended not to drop the load on the platform and to avoid "overloading". For best weighing accuracy, always place the load on the center of the platform.

Where required, wipe clean with a wet cloth and do not allow water to run over the scale. When the scale is moved from one location to another, be sure to check the "zero" balance before using and to re-set it if necessary by turning the adjusting screw located under the platform on the front part of the scale.

The *Accu-Weigh Universal Dial scales are sold nation-wide by Independent Scale Dealers. Their Service Department will promptly provide, if ever required, additional competent service.