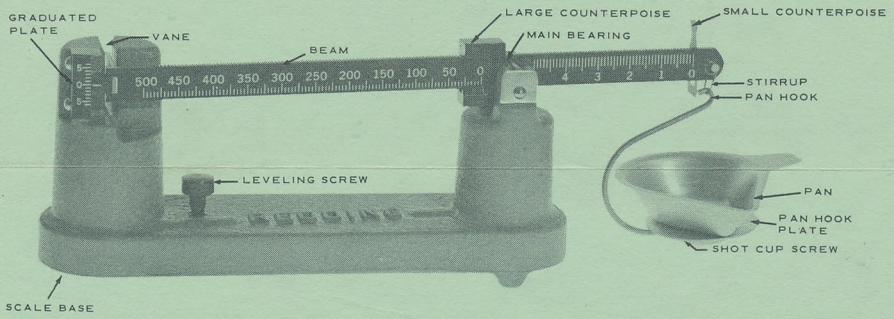
REDDING

MODEL NO. 2

Magnetic Dampening

POWDER AND BULLET SCALE



The Redding Model No. 2 Powder and Bullet Scale is one of the most accurate and sensitive scales available. It features a simple two counterpoise system and magnetic dampened beam for fast and accurate measurements. A graduated over and under plate provides additional speed and ease of operation, allowing the operator to check variations in powder charges or bullet weights without adjusting the counterpoises.

Redding scales are extremely sensitive precision instruments and should be handled accordingly. With proper care, you will receive many years of service and satisfaction.

SET UP AND ZERO ADJUSTMENT

1. Place the beam assembly in place and attach the pan hook and pan.

2. Place the scale in a reasonably level position, as near eye level as practical for easy reading and set both counterpoises at "0".

3. Adjust the leveling screw until the pointer end of the beam also aligns with "0" on the graduated plate.

4. Your scale is now zeroed, ready to use and will accurately measure any amount up to 505 grains.

OPERATION

Each graduation on the left-hand (large counterpoise) side of the main bearing is equal to five grains for a total of 500 grains. Each graduation on the right-hand (small counterpoise) side of the main bearing is equal to one-tenth grain for a total of five grains. Thus, any weight from .1 grain to 505 grains can be determined on this scale.

The calibrations on the graduated plate at the pointer end of the beam are also graduated in one-tenth grain increments. Thus, small variations in weight can be determined without readjusting the counterpoises.

When setting the scale to desired weight setting, the amount shown at each counterpoise is always added and the total is the amount the scale is set to.

Example: For desired setting of **43.6 grains,**

Set large counterpoise at **40.0 grains**
Set small counterpoise at **3.6 grains**

Total (Scale setting) **43.6 grains**

CLEANING AND REPAIRS

It is imperative that the scale be kept clean and handled carefully so that the one-tenth grain accuracy of this precision instrument can be maintained for years of satisfactory service.

The slightest amount of dust and dirt on the beam or main bearing will effect accuracy and sensitivity.

Metal filings or other foreign metalic dust can accumulate at the magnets and cause the vane to drag or stick. It may be necessary to remove the magnets from underneath the scale so that the particles can be brushed away.

Cleaning can be accomplished with soft clean tissue paper, "Q" tips or a very delicate camera lens brush. Never use lubrication of any kind or attempt to alter the scale in any way. Do not attempt to clean the main bearing or seat with a hard instrument, file or stone. If scale becomes inaccurate due to damage, accident, or rough handling it should be returned to the factory. For a very minimal charge your scale will be repaired, cleaned and recalibrated as good as new.

PARTS

The replacement of almost any part of the scale will effect the balance and calibration. Note the pan and pan hook are assembled and adjusted individually to each scale and are not interchangable from one scale to another.

Should replacement of the pan, pan hook or any other part become necessary write to factory for instructions, or return the entire scale for repair and recalibration.

Any unauthorized attempt to repair or alter the scale in any way will void the guarantee.

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