



**User and Service Manual  
Model MB-2610**

**Triple Beam Pan Balance**



## **CONSTRUCTION AND APPLICATION:**

MB-2610 Single – Pan Balance is an unequal arm type with three beams. Each beam is made of a high quality aluminum alloy and the plane is of ground agate, which improves accuracy of use and lengthens life of operation. The product can use attachment weights to extend the weighing range. To speed weighing, the magnetic damping system brings the pointer to rest with a minimum number of swings.

The MB-2610 is suitable for physics and chemistry experiments, analytical weighing in chemical works, medical and hygiene weighing, foodstuff, agriculture, textiles, electronics, mines, scientific research institutions, high school science labs, universities and colleges and more.

## **SPECIFICATIONS:**

Capacity

Without attachment weights: 610 g.

With attachment weights: 2610 g.

Readability: 0.1 g.

Weighing units: grams

Beam Calibrations: 10 x 0.1 g; 100 x 10 g; 500 x 100 g

## **FEATURES:**

Triple Beam, Direct Reading  
Magnetic Damping System

## **ADJUSTMENT AND OPERATION:**

### **Unpacking:**

Carefully remove the balance and the separate sliding weights from the foam carton. Removed slit rubber washers located underneath the platform and rubber washer located above the pointer.

### **Set-Up:**

After placing the balance on a smooth, flat surface, slide the weights up into the slot on the respective beam (center and behind). With all sliding weights in zero position, the pointer should be near zero.

### **Zeroing:**

For exact zero, adjust the knurled knob, which is located at the left end of the beam. It is advisable to check the zero adjustment periodically.

### **Attachment Weights:**

Total capacity is 2610 grams when attachment weights are suspended from the pivots, without the weights, the capacity is only 610 grams.

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