



MECHANICAL BALANCE **MB-2000**

User Manual

v.201811



HiWEIGH
Weighing system & solution

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Value Each Gram

Thank you for using our products. This product in comparison with the same kind of other products has the following characteristics:

1. Filled with magneto resistor, which can effectively reduce the frequency of swinging of the balance thus raising its working efficiency.
2. Installed with tarring device making it convenient to weigh comparatively big quantity of bulk articles.
3. Adoption of double-beam designing, which has greater and more stable capacity of weighing, the maximum weighting capacity for Balance MB2000 being 2000gramme; Minimum being 0.1gramme.
4. Using high grade polished agate for knife bearing and high-strength steel for knife and undergoing proper calibration thus effectively raising the preciseness of the balance, its attainable precision being 0.1gramme.
5. Provided with the rider of 210grammes, which makes it possible to weigh articles of lighter than 210grammes without using standard weights.

UNPACKING

In the packing case is packed a balance with a Service Manual, a Certificate of Quality and a Guarantee Card.

ADJUSTMENT

1. Choose a suitable smooth and stable table and put the balance on it. Slide the rider supplementary rider and tarring weight to the utmost left end.
2. Adjust the fine-tuning balancing knob at the right end of the beam, set the pointer of the Balance to equilibrium position zero.

DIRECTIONS FOR USE

1. Put the article to be weighted on the left pan of the balance.
2. Move the rider and supplementary rider and add the standard weight.
3. Add up the readings of the rider supplementary rider and the standard weight and you will get the actual weight of the article weighted.
4. If the tarring device is used, please put the container on the felt pan first and then move the tarring weight to the right until the pointer points to zero equilibrium. (If it is not in a state of equilibrium, turn the tarring weight for fine turning until it reaches equilibrium.)

CAUTION AND MAINTENANCE

1. If the balance is not in use, don't put anything on the pans.
2. No lubricating oil is to be applied to the knife bearing, which is to be always kept clean and dry. Should there be any dust there on, blow it away by a ball blower.
3. If the magneto resistor adsorbs any substance from outside thus preventing it from working properly, remove the substance from outside carefully. Lay down the balance cautiously, remove the 4 screws fixed to the magneto resistor from under the foundation of the balance, take out the magneto resistor and remove the substance on the surface of the magnet with transparent glue ribbon. After that, replace the magneto resistor.



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