Automation Weighing Machine
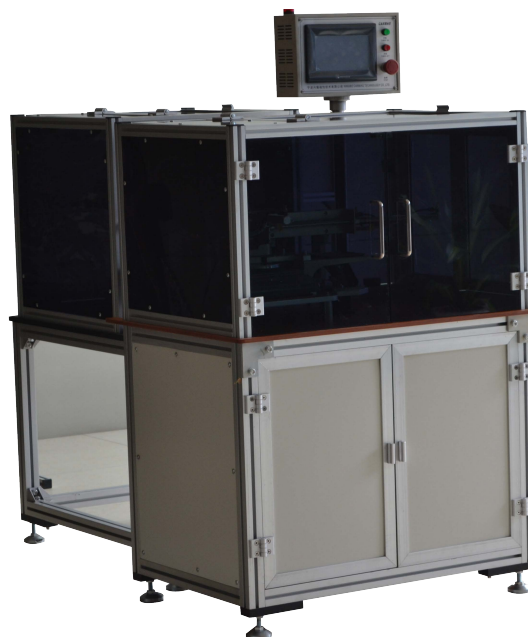
Model: **AT-7D-2S**

1. Introduction

This machine is used to sort magnets by weight. The magnets are uploaded, tested weight by sensor and sorted by the result.

2. Technical parameter:

   1) Upload Mode: by vibratory bowl
   2) Deload Mode: sorted(not in a tube)
   3) Dimension: 820×958×750mm（L*W*H）
   4) Precision: ＜0.01g（product weight: 1.5～15 g）
   5) Cycle time: ≤ 2 s

3. Procedure:

   1) Manually put products in the vibratory bowl.
   2) Turn on the machine. When the first product reaches the fixture, it will be pushed to the scale pan.
   3) The cylinder moves forward to position 1 and moves backward to position 2.
   4) The product gets weighed and the result will be transported to the corresponding product-collecting position.
   5) According to the analyzed product-collecting position, the sorting motor rotates the deloading box above the product-collecting position.
   6) While the sorting motor is rotating, the uploading cylinder moves back to home position (above the scale).
   7) When the sorting motor stops working, the receiving hook put the products into the receiving box and moved back to home position.
   8) 7 ranges can be set and the range is adjustable.
   9) More than 10 sets of parameters can be stored.
   10) The machine has been test by working for three straight days non-stop without any malfunction; it does not cause any damage to the products (e.g. scratch).