Weight inspection of hard/soft capsules and tablets of various shapes and sizes.

Fewer change parts are needed, which reduces time and costs.

Multi-Dosage Weight Inspection Machine

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Apr. 2016
Offers a wide-range of compatibility, accuracy and advanced processing capabilities. Contributes to higher quality product.

The pharmaceutical and health and nutrition industries demand accurate product weight with an easy manufacturing process. The Multi-Dosage Weight Inspection Machine has successfully achieved more common use of change parts by adopting the suction and transfer method.

MWI weighs tablets and capsules whose length are up to 22 mm, and guarantees ±2mg weighing accuracy\(^1\) and provides high processing speed, up to 100,000 units/hour\(^2\).

Notes:
\(^1\) ±3mg accuracy for measuring dosages of 501mg~2,000mg
\(^2\) Processing speed varies per product shape and size

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**Multi-Dosage Weight Inspection Machine**

**MWI**

**Parts List**

1. Service hopper
2. Suction drum/transfer roller
3. Weighing tray
4. Sorting chute
5. Good Product Conveyor belt
6. Defects box
7. Touch panel

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**Dimensions (unit : mm)**

**Name**: Multi-Dosage Weight Inspection Machine

**Ext. dimensions**: Width 820mm/Depth 840mm/Height 1,642mm (inc. hopper)

**Model**: MWI

**Weighing Accuracy**: \(\pm 2\)mg (3-0) \(\pm 3\)mg (501-2,000mg)

**Weighing Range**: 0~2,000mg

**Processing speed**: Max. 100,000 units/hour

**Weight**: Approx. 1,000kg

**Electricity**: Single-phase 200~240V 3KVA

**Vacuum (blower)**: 10kPa(2,000mmH²O), 10m³/min(Max)

**Compressed air**: 0.5MPa(5kgf/cm²G), 1,000L/min

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**Descriptions**

- **Patent Pending**
- **Multi-Dosage**
- **Weight Inspection**
- **Machine**

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**Notes**

- **Good products**
- **Defective products**
The suction drum sucks in and transfers the pharmaceutical product one at a time. The use of the suction and transfer method has reduced the need for multiple change parts.

### Suction Drum

The balance is a maintenance-free and highly shock-resistant electromagnetic balance. The MWI guarantees ±2mg measuring accuracy. ±2mg for 500mg or less. ±3mg for 501mg~2,000mg.

### Good Product Conveyor Belt

The good product conveyor belt reverses direction when the defect discharge confirmation system realizes that the product is not within the proper weight range which discharges the product and prevents it from being mixed with good products.

### Measuring Accuracy Confirmation

In order to verify the internal electronic balance is functioning properly, the data of the weighed product is compared to the data measured by the internal electronic balance at a set interval.

### Basic Exchange Parts

- Service hopper guide
- Suction rubber ring
- Transfer roller

<table>
<thead>
<tr>
<th>Tablets</th>
<th>Hard capsules</th>
<th>Soft capsules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round tablets</td>
<td>Max. 22mm</td>
<td>Max. 10mm</td>
</tr>
<tr>
<td>Non round tablets</td>
<td>Max. 10mm</td>
<td>Max. 10mm</td>
</tr>
<tr>
<td>Hard capsules</td>
<td>Max. 22mm</td>
<td>Max. 10mm</td>
</tr>
<tr>
<td>Soft capsules</td>
<td>Max. 22mm</td>
<td>Max. 10mm</td>
</tr>
</tbody>
</table>

Compatible with 0 size capsules.