Injection Molding Total Solution

Muge:in

Weight Detection take-out Robot

HYROBOTICS
The first Development in plastic take out robot industry

Weight Detection take-out Robot
Muge: In screens out defective products through product’s weight detecting process and collects the data to manage effectively

**Effects**
- Cutting down labor cost
- Reducing defective product
- Saving profits by prevention of over-molding
- Setting up standard condition of molding system
- Management of history by saving data

**Feature**
- Weight detection device on robot arm
- Screening out defective products and releasing different position
- Automatically saving every measured data, possible to download, and transfer to customer’s sever
- Possible to Check via smart phone

**Performance**
- Tolerance: Product [100g–20,000g] ±3g
  - The tolerance can be subject to change ±1–2g according to severe vibration and wind
- Keeping cycle time
- Individually Setting up Max 2 cavities

**Experimental Data**

![Graph showing detecting value deviation](image)

**Load cell type (Tonmage)**

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<thead>
<tr>
<th>Load cell type</th>
<th>Tonnage</th>
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<tbody>
<tr>
<td></td>
<td>5kg</td>
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<td>350T</td>
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