Injection Molding Total Solution

Muge:in

Weight Detection take-out Robot
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 server
- 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

The detecting value deviation

Load cell type [Tonnage]

<table>
<thead>
<tr>
<th>Weight</th>
<th>Tonnage</th>
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<tbody>
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<td>350T</td>
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<tr>
<td>15</td>
<td>400T - 1300T</td>
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<tr>
<td>25</td>
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