Injection Molding Total Solution

Temp:in

Temperature Change
Detection take-out Robot

HYROBOTICS
Temperature Change Detection take-out Robot

The first Development in Plastic take out robot industry

of Korea domestic and international patent application
Temp:In provides temperature change notification to prevent the mass production of defective products and collects the data to manage effectively

- Economic: comparing to the thermistor scale device
  - no need for sensor attachment on mold
  - Detecting temperature and collect the data in real-time
- Possible to detect both temperature of mold surface and product surface
- Managing temperature data of every cycle – preventing mass production of defective products

- Temperature detection device on robot arm
  [Infrared sensor type]
- Exceeding setting value, the alarm notification.
- Automatically saving every measured data, possible to download, and transfer to customer’s sever
- Possible to Check via smart phone

- Tolerance: at least ±1 °C
- No effect on take-out robot cycle time
- The maximum point: 10 points [mold] + 2 points [product]