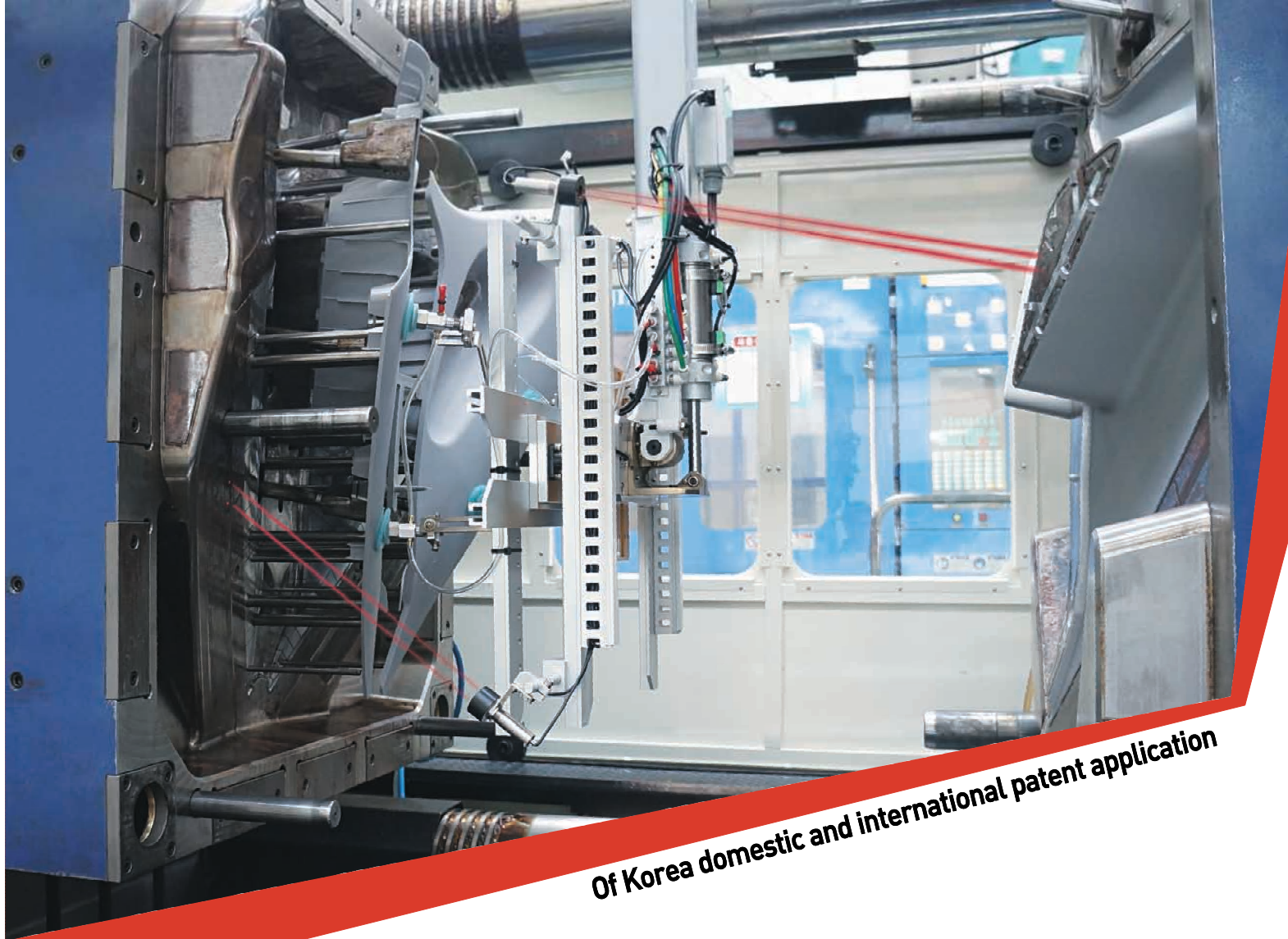


Injection Molding Total Solution

Temp:i

Temperature Change
Detection take-out Robot

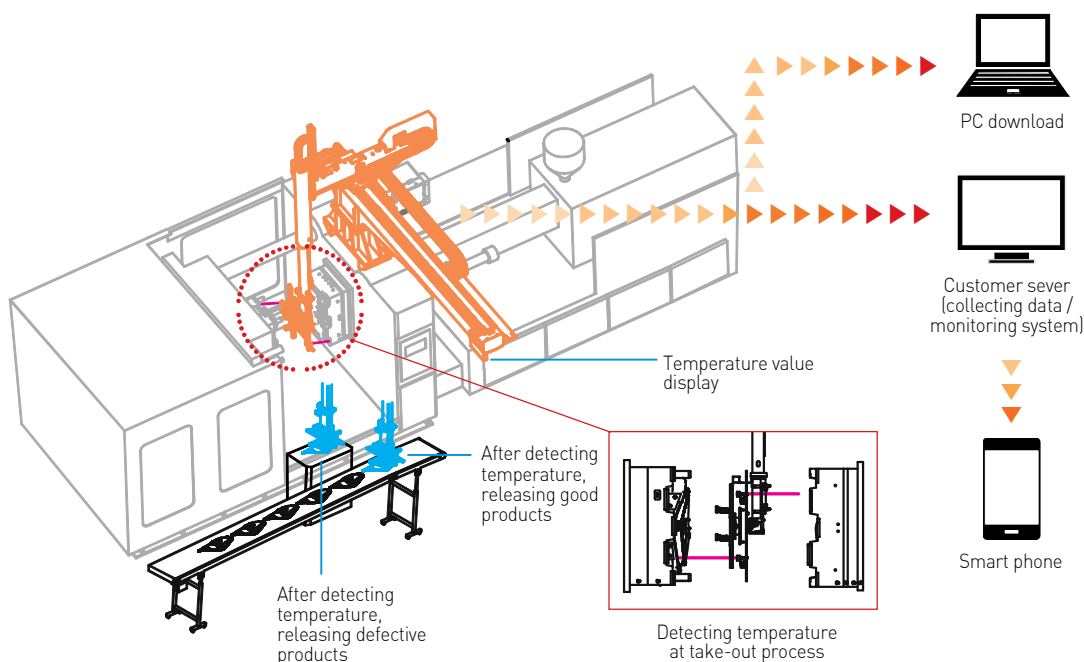
HYROBOTICS



Of Korea domestic and international patent application

*The first Development in plastic
take out robot industry*

Temperature Change Detection take-out Robot



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

Effects

- 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

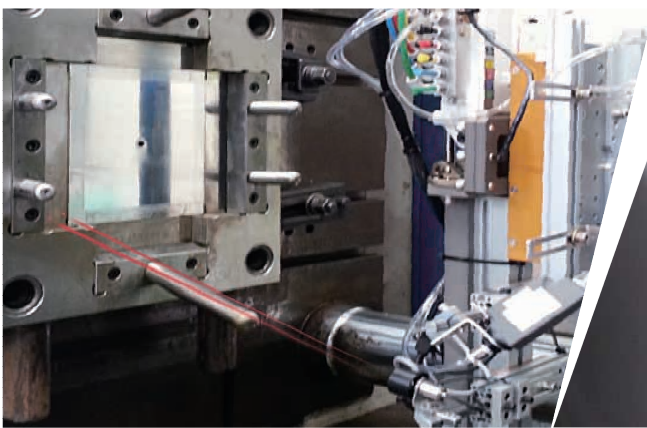
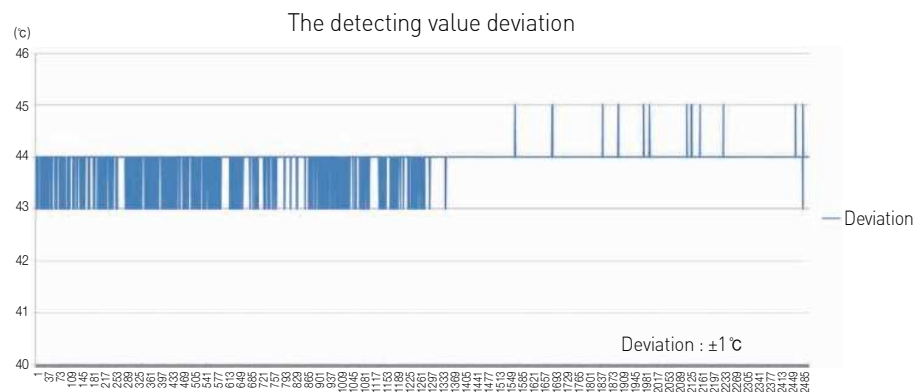
Feature

- 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

Performance

- Tolerance : at least $\pm 1^{\circ}\text{C}$
- No effect on take-out robot cycle time
- The maximum point : 10 points (mold) +2 points (product)

Experimental Data



The catalogue contents may be subject to change according to product improvement



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