

CASE STUDY

Design engineering and development of Home Automation Systems

Client

Oakter

close monitoring
Engineering
Fitment of BOPs
Drop Tests
Communications & Interactive meetings
Home Appliances
Industrial Design
Tool Designs
Sheet Metal Dies
Die Molds
Prototypes
Flow Analyses
Mock-up
Design Analyses
Analyses
Mold Flow
Injection Molds

ART TO PART



16 Amp Smart Plug

Control a plugged-in high power appliance

6 Amp Smart Plug

Control a plugged-in low power appliance

Touch Leaf

Three button wireless remote

Smart Thermostat

Temperature and humidity sensor for AC/ Heater

HUB

The heart of Oakter ecosystem. One hub can control upto 50 appliances

25 Amp Smart Box

Control a wired-in high power device



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Part Design

Industrial Product Design / Engineering considering manufacturing feasibility

Prototyping

Functional Prototypes / SLA / SLA / Mock up / Painting / Printing / UV Textures / Laser Engraving / Carving

Tool Design

Over an Interactive meeting or personal visits, Tool design refinements can be made considering the mold life, maintenance cost & ease of assembly and infrastructure available at client's workshop

Tool Manufacturing

Lead Time

We ensure the T-1 lead time to be maintained as on agreement along with the inspection reports for critical dimensions

Deliveries and Shipment

Can be made Ex Works . FOB . CIF . Or landed & taxes paid to your workshop

Project Management

- Weekly updates for manufacturing progress
- Manufacturing pictures
- Trial Videos
- Trial inspection reports
- Molding parameter reports
- Molds Trial Support

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Industrial Design

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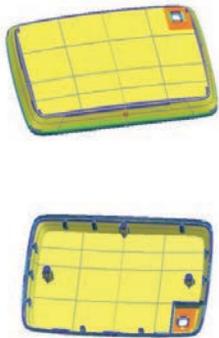
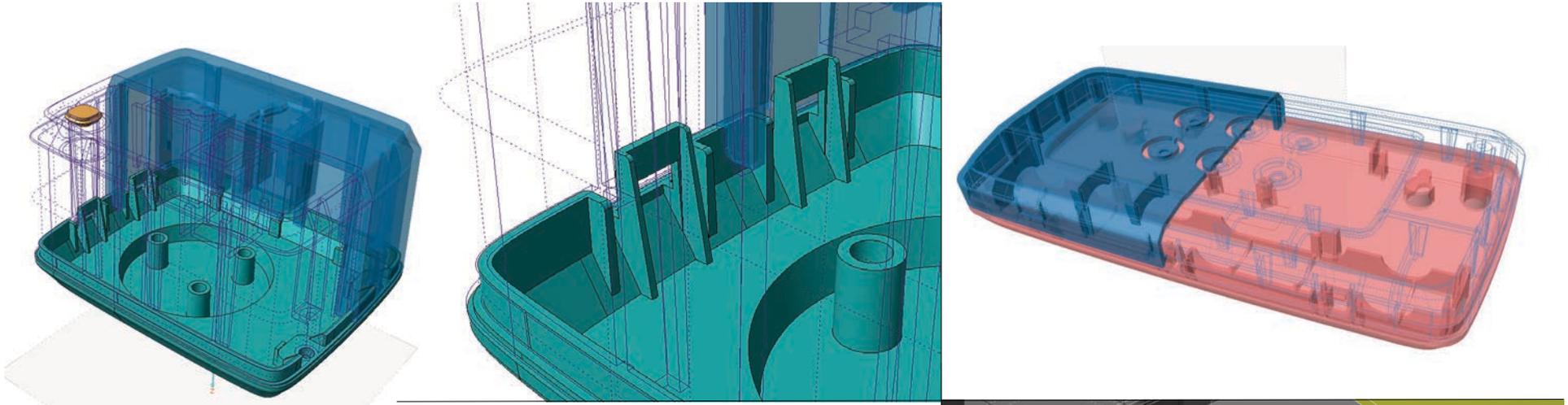


LED

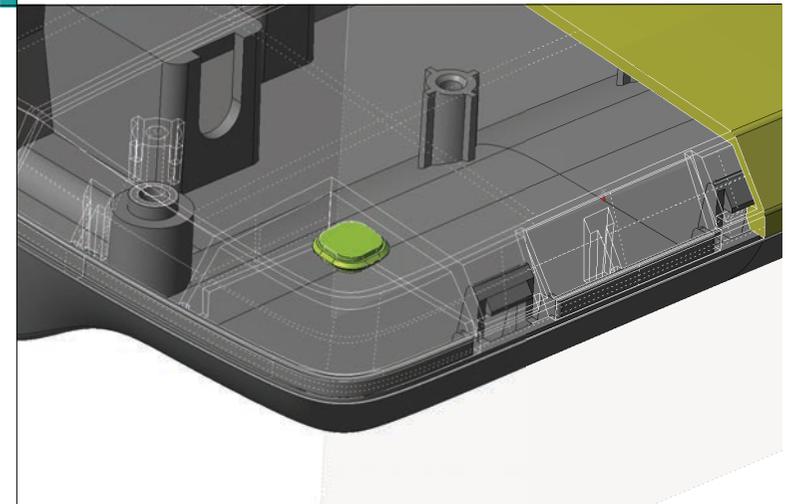
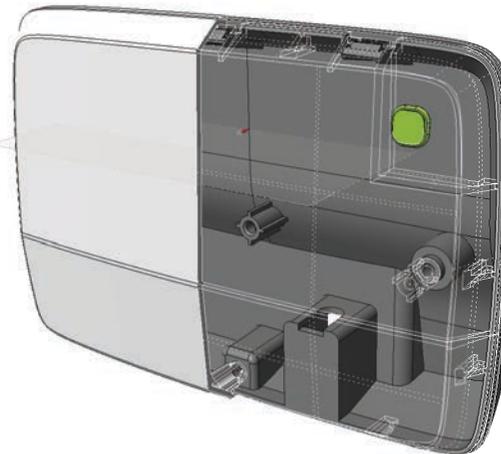
High Gloss

Textured

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The product Thickness analysis is made to check whether there are thick wall. as you know, too thick wall will cause shrinkage. Once we find, we will improve.



About Hongyi JIG
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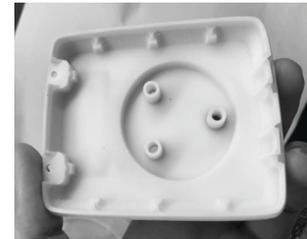
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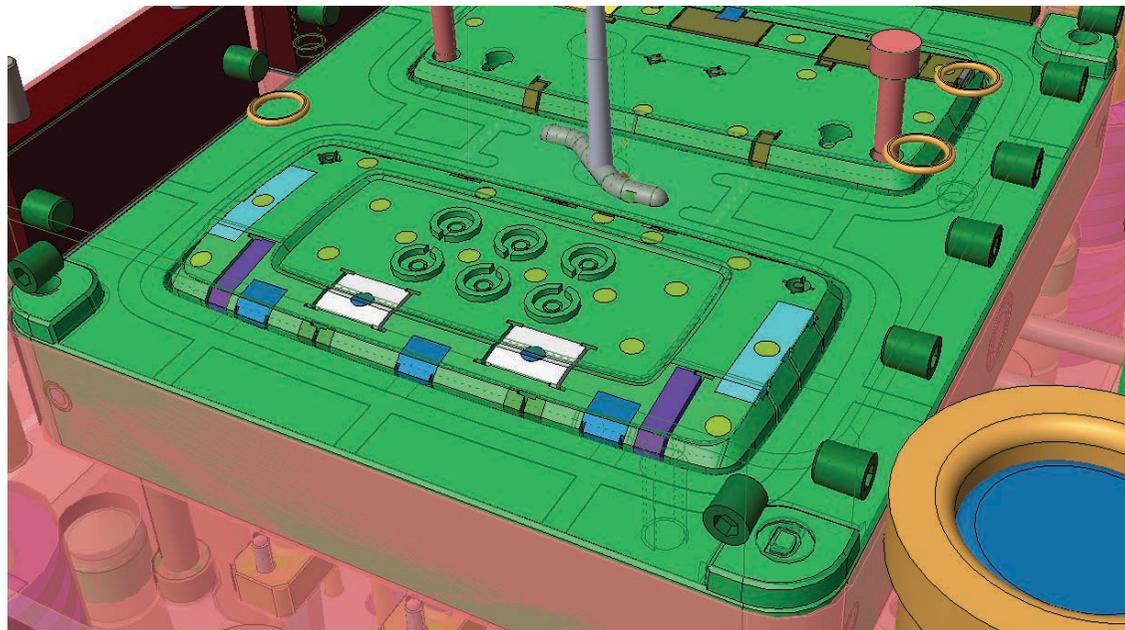
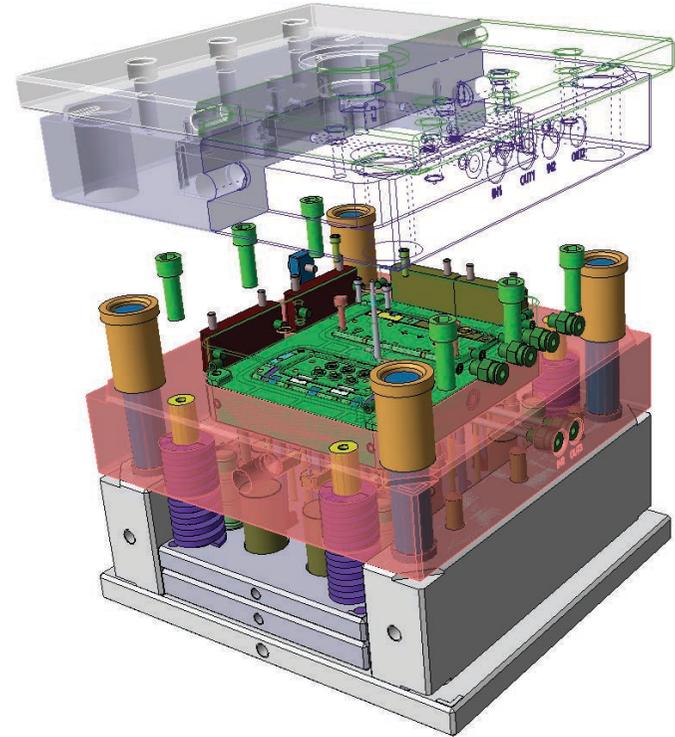
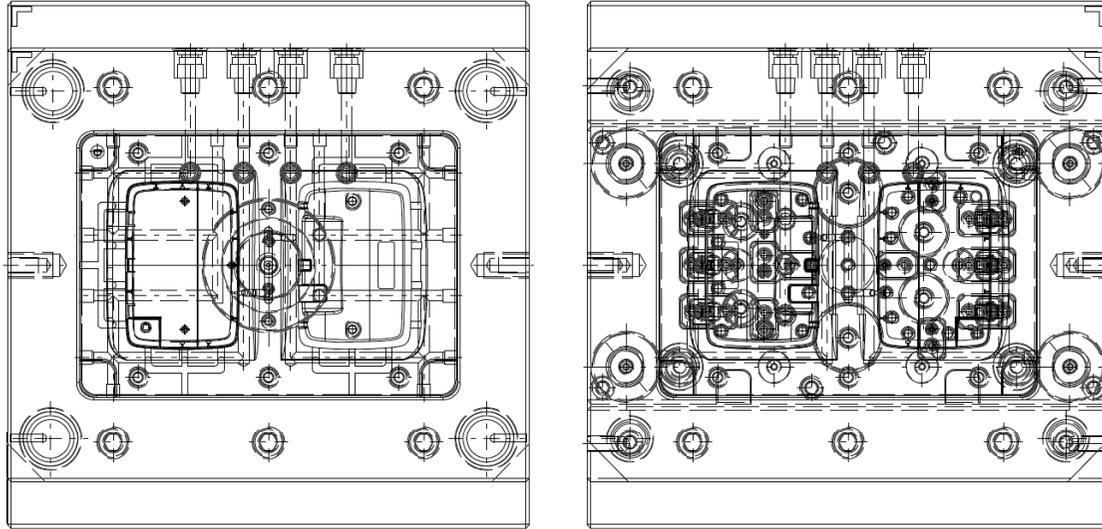
Gloss Surface by UV

Special Texture

Prototypes Functional
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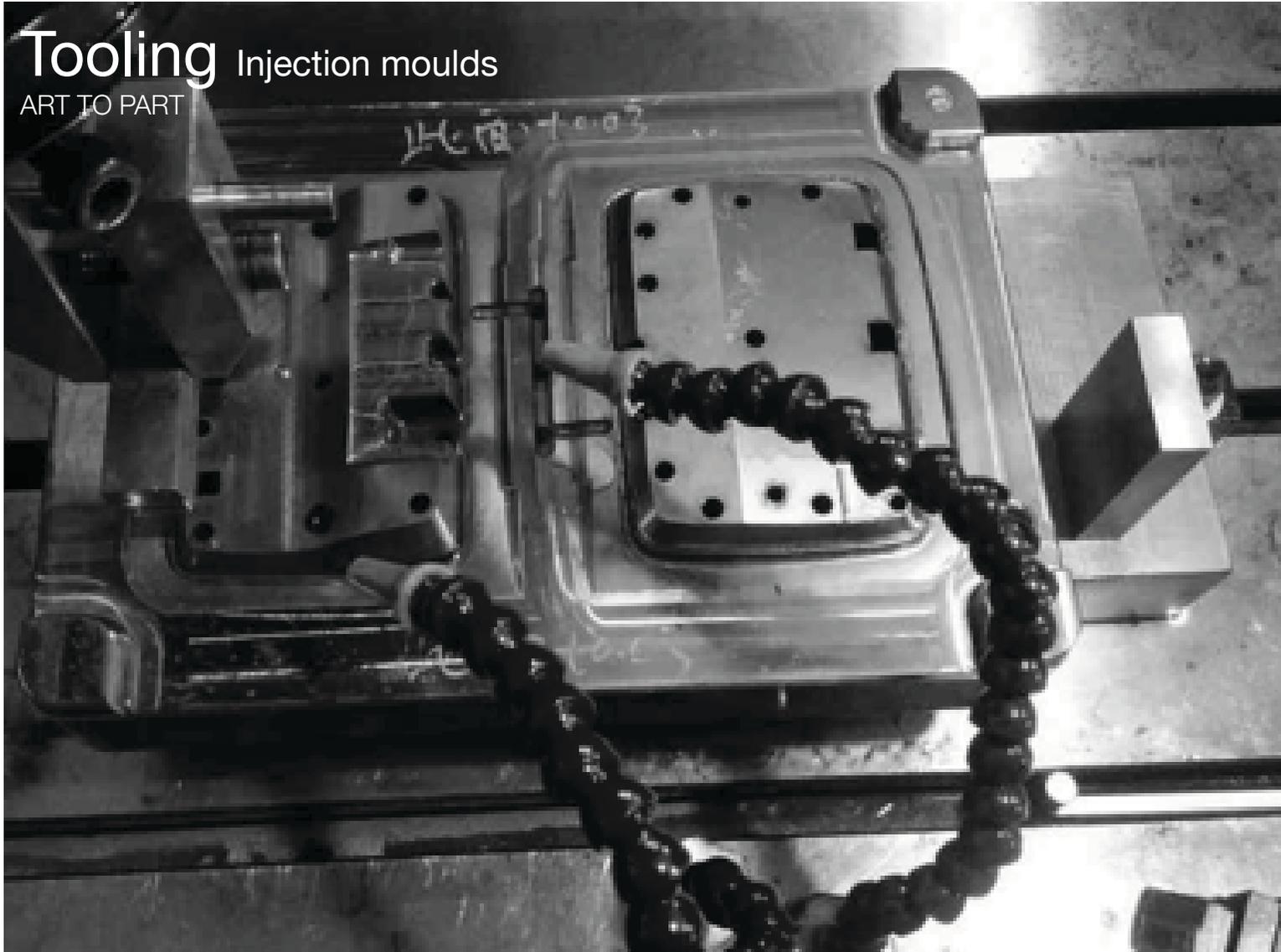


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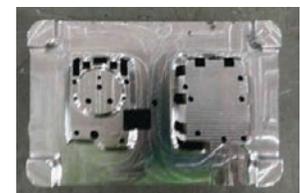


Tool Design Productivity
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Tooling Injection moulds
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THANK YOU

We continuously strive to bring the right curve on your face.

Thank you

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