

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



ART TO PART



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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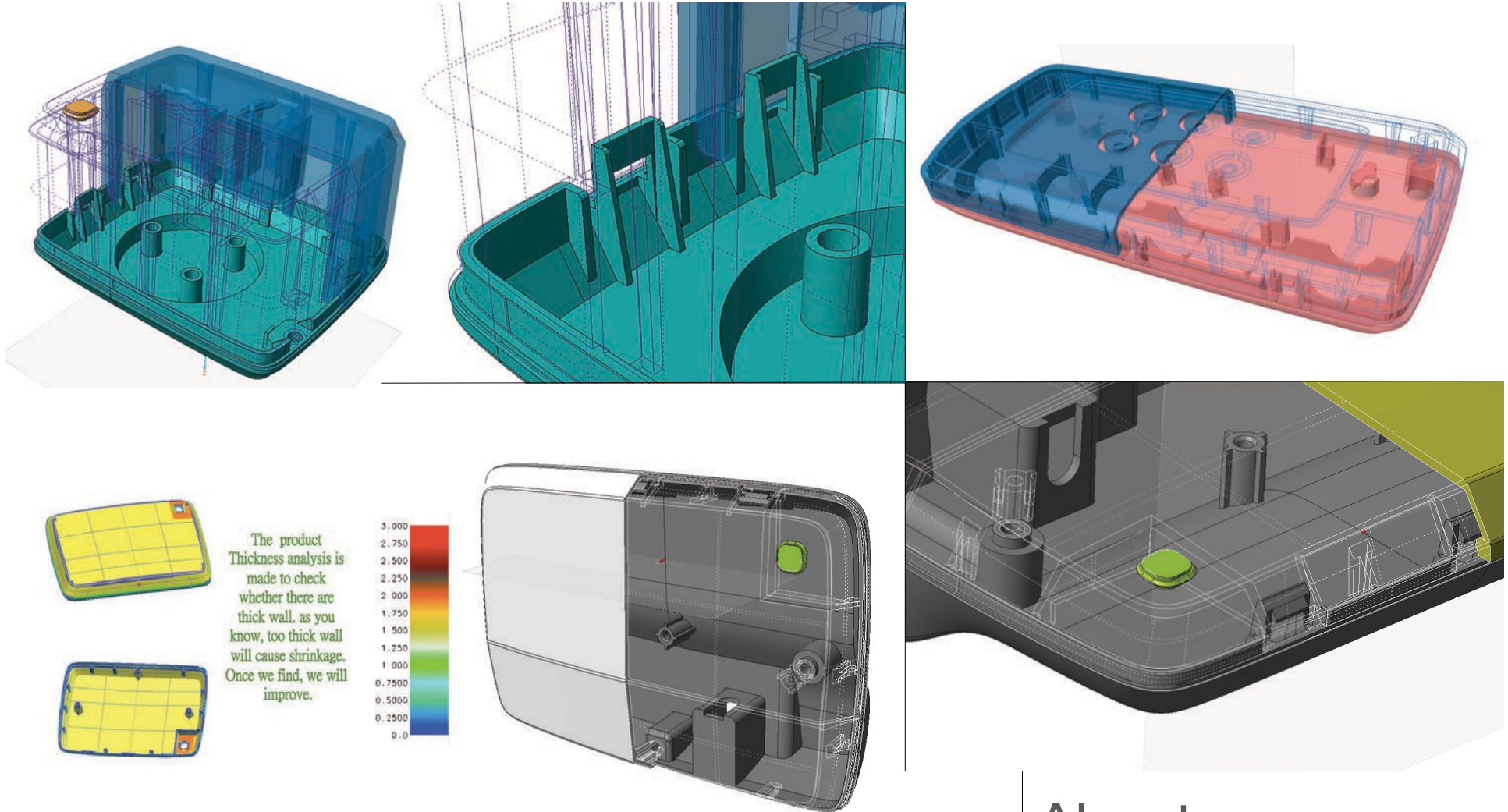


Industrial Design

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About Hongyi JIG
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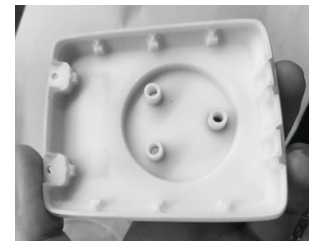
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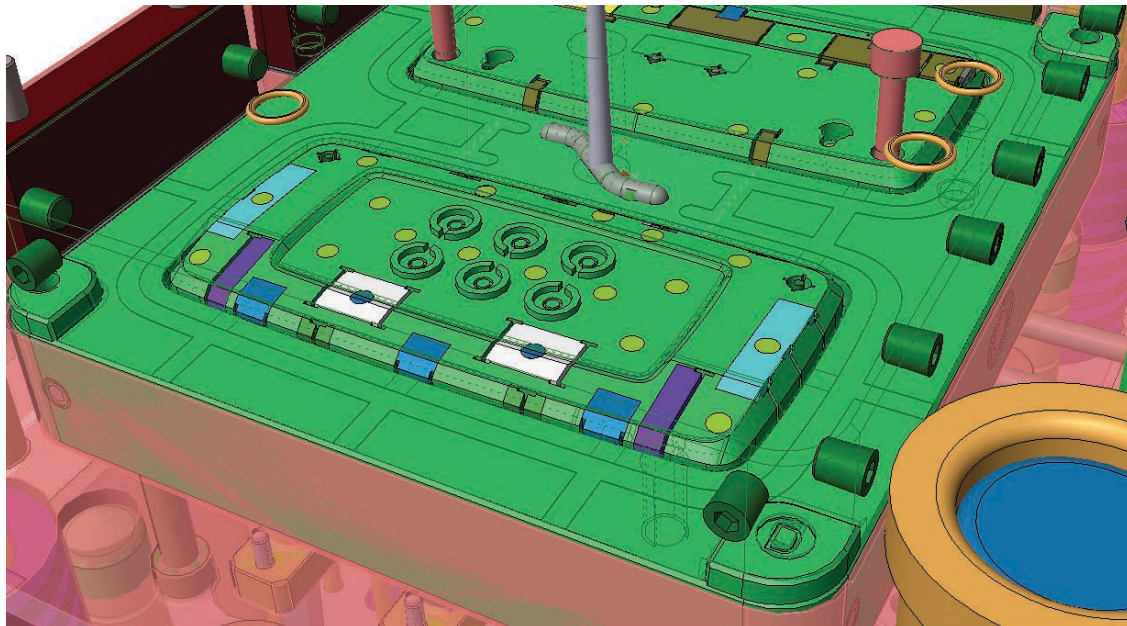
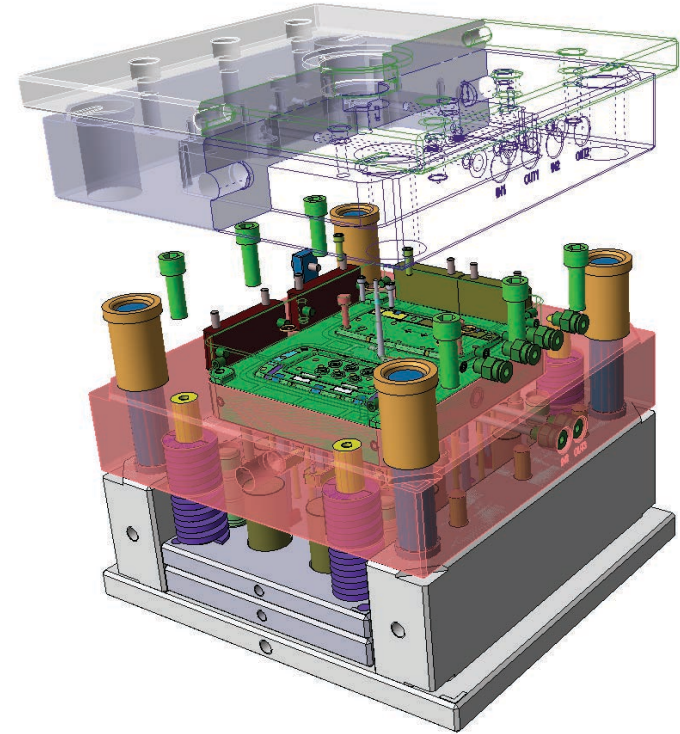
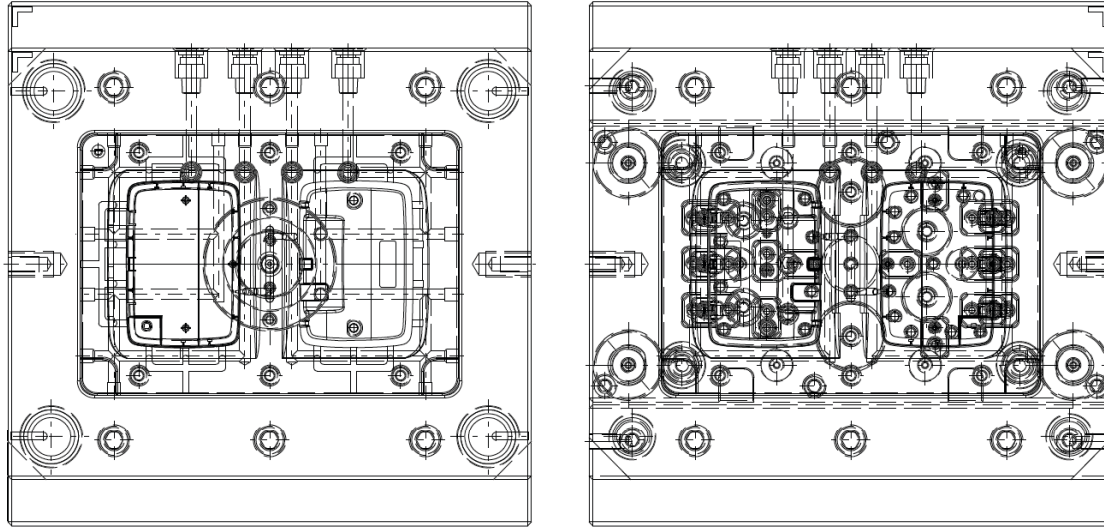
Gloss Surface by UV

Special Texture

Prototypes Functional
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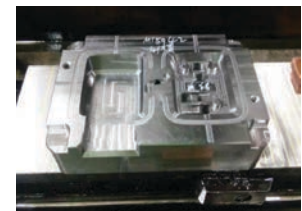
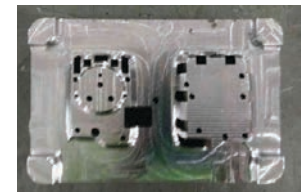
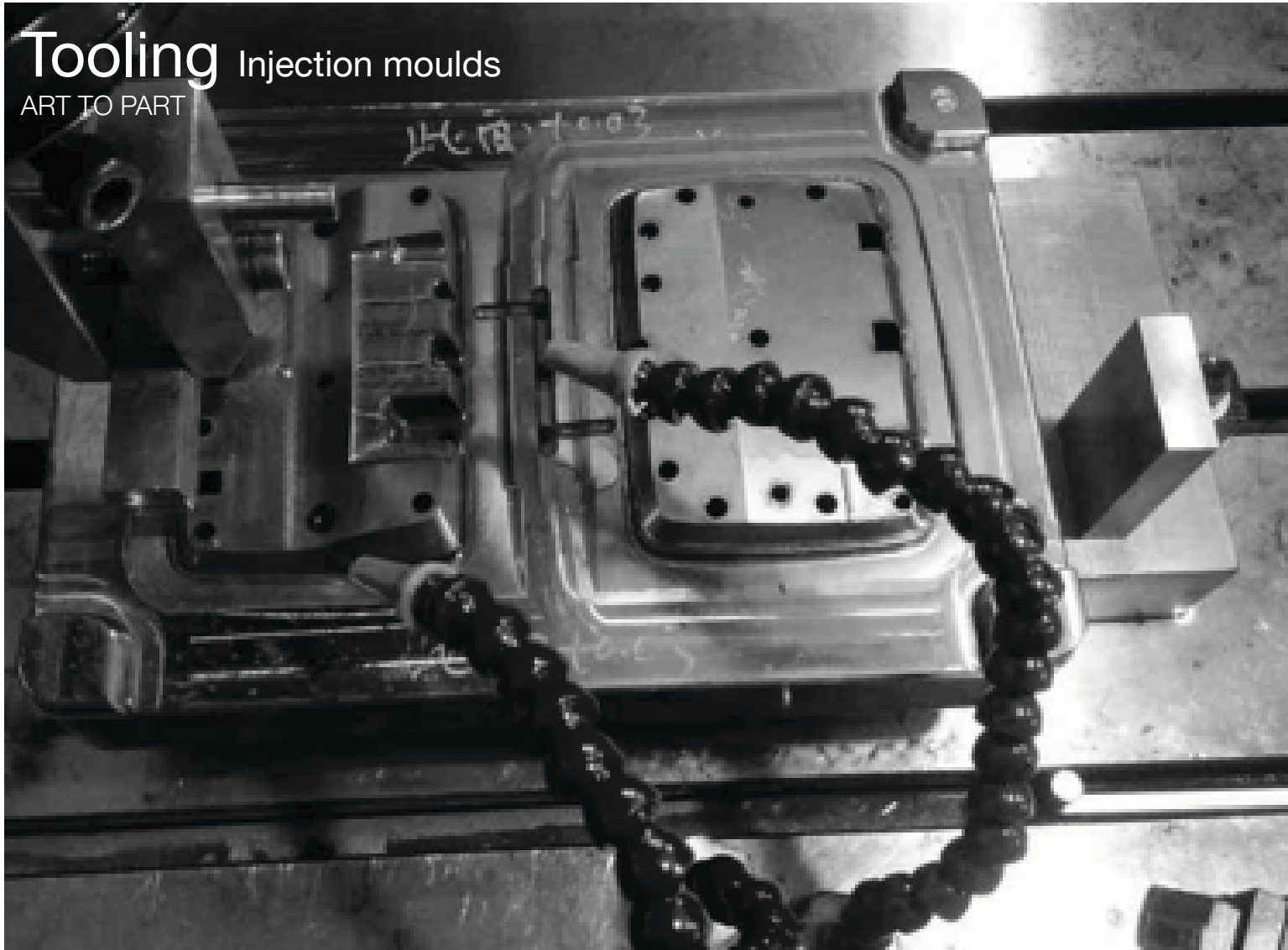
Tool Design Productivity
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Tooling

Injection moulds
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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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