CHEN HSONG

iChen™ AI Molder

AI Molder is an AI-powered smart molding solution that automates parameter optimization, reduces scrap, and speeds up production - helping you cut time, material, and cost while ensuring superior product quality.

Smart Start, Precise Production

- **Smart Parameter Tuning**
- **Smart Mass Production**

AI Molder

Trial Molding | Mass Production

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iChen™ AI Molder

Contact us immediately to embark on your journey towards a smart factory!

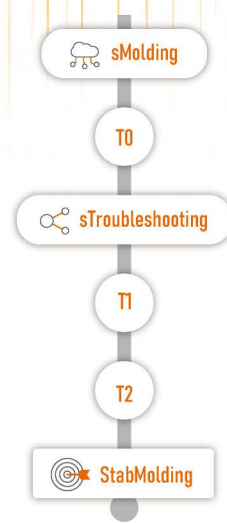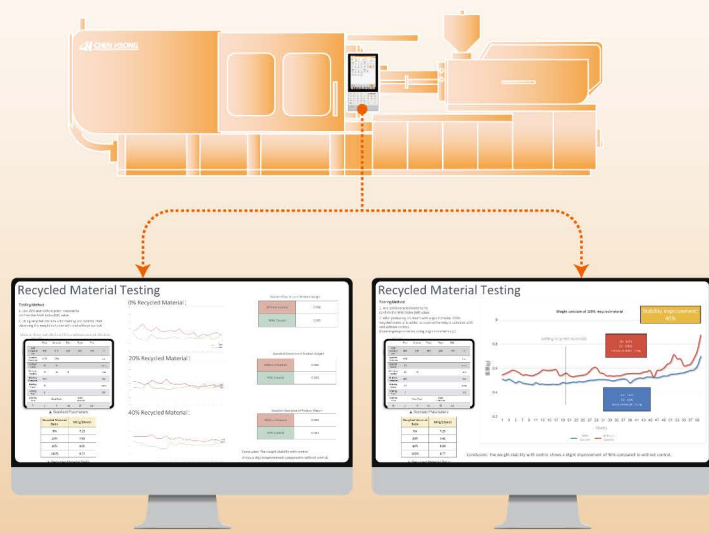| YouTube | Facebook | LinkedIn |

iChen™ AI Molder Product Introduction

Smart Parameter Tuning

1

· sMolding

- First Parameter Calculation
- Enhancement of Mold Trial Efficiency
- Senior Virtual Molding Technician

· sTroubleshooting

- Parameterized Defect Troubleshooting
- Machine Learning Molding Experience
- Theoretical Defect Troubleshooting

Mold Trial Time Cut by as much as **60%**

sMolding
T0
sTroubleshooting
T1
T2
StabMolding

Smart Mass Production

2

· StabMolding

- Virtual Inspection
- Parameter Optimisation
- Adaptive System

Recycled Material Testing

Recycled Material Testing

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iChen™ AI Molder Customer Cases

Case 1: YEA WEN PLASTIC CO., LTD. (Taiwan)

Industry: Electronics - GPS Car Navigator

Machine: 42 devices (including TOYO and other Japanese models)

Solution: sMolding + sTroubleshooting + StabMolding

Key Results:
- AI-assisted parameter tuning accuracy reached 70–80%.
- Material waste and tuning time significantly reduced.
- Traceable parameter modification records, accumulated as the company's knowledge base.

sMolding ➡ sTroubleshooting ➡ StabMolding

Case 2: SEIYO INDUSTRIES INC. (Vietnam)

Industry: Electronics - Wireless Access Point

Machine: 30 devices (SM250-550TSV models)

Solution: sMolding + sTroubleshooting + StabMolding

Key Results:
- Molding efficiency improved by 15%
- Reduced cycle time
- Improved quality of finished products

sMolding ➡ sTroubleshooting ➡ StabMolding

Contact us to gain a deeper understanding of the product configurations.