



Integrated Module Test PLC Assembly Line Equipment Machine EOL

Our Product Introduction

Basic Information

- Place of Origin: Shanghai
- Brand Name: Quanstar
- Certification: ISO
- Packaging Details: wooden box
- Payment Terms: L/C,T/T



Product Specification

- Name: Electric Vehicle Thermal Management Assembly And Test Line
- Application: Electric Vehicle Assembly Automation
- Assembled Products: Integrated Module
- Operation Mode: Fully Automated Or Semi-automated
- Tester: EOL
- Material: Steel Stainless Steel
- Highlight: **Integrated Module Test PLC Assembly Line, Integrated Module PLC Assembly Line Equipment, EOL Assembly Line Equipment**

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Product Description

Integrated Module Assembly and Test Line equipment machine PLC EOL

Function	automatic feeding, assembly, testing & packaging
Production	integrated module for EV thermal management system
Defective rate	below 0.5%
Processes	laser marking
	visual detection
	screwing
	EOL test
	sevo press
	Helium detection
	labelling
Features	automated MES system, real time monitoring status
	whole line A level traceability

We have developed and provided a series of highly intelligent and automated thermal management integrated module assembly and testing lines to many of the worlds most sucessful companies.

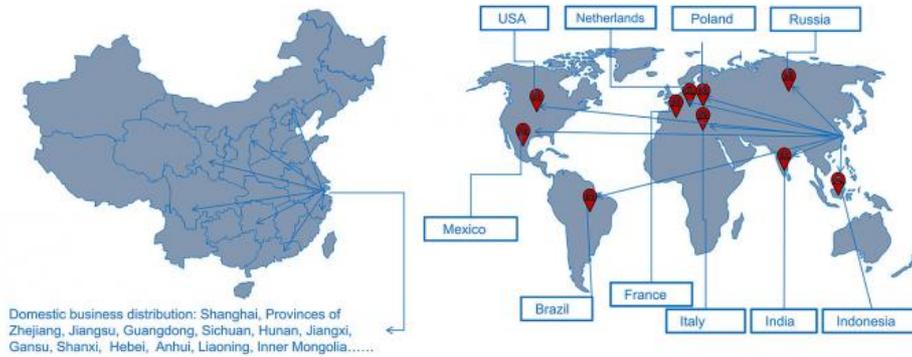
The assembly line is equipped with custom automation solutions for thermal management modules, including comonents feeding, assembly, handling, and testing equipment.

The assembly line integrates an advanced production data management system, enabling real-time monitoring of the production process and equipment status. The intelligent management system enhances efficiency and transparency in production.

The assembly line includes multiple EOL testing stations which perform comprehensive performance verification such as rate, pressure, and sensor status. This ensures that every thermal management module meets quality standards.

Our assembly solutions go from the feeding of each individual part to the final packaging of the finished products, along with all the required quality controls. The production can be continuously monitored and saved into MES systems.

Business Global Service



PROCESSES

主要工艺

- 自动上料
- 激光打标
- 视觉检测
- 自动拧紧
- 自动压装
- EOL测试
- 下线贴标
- Automatic feeding
- Laser marking
- Visual detection
- Auto tightening
- Auto press-fit
- EOL test
- Off-line labeling

PARAMETER

性能参数

- 生产节拍: 35秒/件
- 不良率: ≤0.5%
- Production cycle: 35 s/pcs
- Defective rate: ≤0.5%

FEATURES

核心优势

- 自动化MES系统, 实时监控状态
- 整线A级追溯
- Automated MES system, real-time monitoring status.
- Whole line A level traceability.

PRODUCT

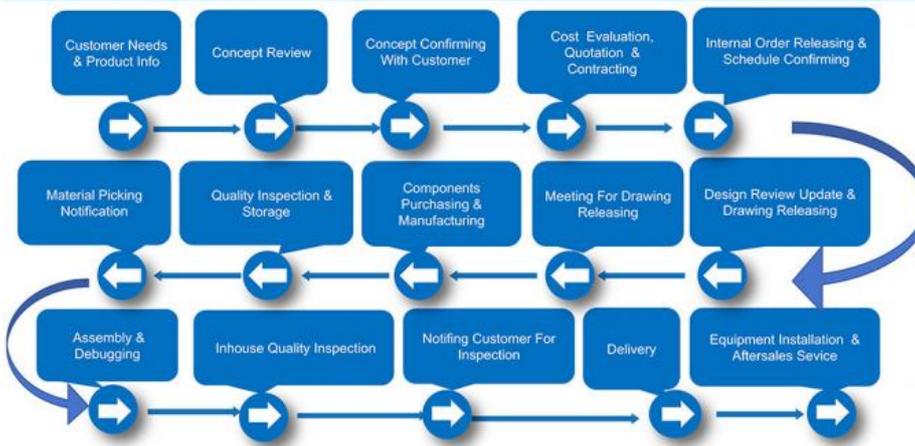
主要产品



Development History



We are committed to providing customers with high-quality, competitive products and services. A project cooperation process usually includes the following key steps.



FAQ

1.Q: Are you trading company or manufacturer?

A: We are a manufacturer with over 10 years of production and development experience.

2.Q: What are your major products?

A: We are an assembly automation solution provider specialized in customized automatic machinery for production. For example, we provide customized assembly line, testing and packaging solutions to several electric vehicle (EV) manufacturers, such as component-level lines for battery packs, thermal management systems, steerings and so on.

3. Q: How long is your delivery time?

A: Usually 3 months is a production cycle, the specific delivery date should be arranged according to the product's complexity and real-time production schedule. Please contact us for the latest delivery date.

4.Q: How about your price?

A: Show us your parts and we will be glad to find solutions and provide a suitable scheme, and offer the most competitive price to you.

5.Q: What is your terms of payment ?

A: 40% deposit and 60% balance payment before delivery.

6.Q: What is the package for you machine?

A: We have standard wooden case package.

7.Q: How long is the warranty?

A: Our aftersale service is one year free warranty, and life-time maintenance guaranteed.

8.Q:What partners do you work with?

A: We can both work with customer's designated partners and propose other components partners at customer's request. Some of our technical partners as below:

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