



SMT Reflow Oven Exhaust Monitoring System for Airflow Safety

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: GS
- Model Number: GS-HLLPFXT0513
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 50*50*60CM
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Highlight: SMT Reflow Oven Exhaust Monitoring System, SMT Production Equipment



More Images



Product Description

Reflow Oven Exhaust Monitoring System for SMT Production Equipment

Key Features and Functions

Real-Time Exhaust Airflow Monitoring: Continuously measures exhaust airflow velocity in SMT equipment ventilation ducts to maintain proper fume extraction and prevent combustible residue accumulation. Threshold deviations trigger immediate alerts.

Exhaust Temperature Monitoring: Tracks exhaust gas temperatures to detect equipment malfunctions or blocked ventilation paths that could lead to overheating and fire hazards.

Instantaneous Alarm System: Activates immediate alerts when airflow drops below safe levels or temperatures exceed limits, enabling rapid response to potential hazards.

Wide Applicability: Compatible with various SMT production equipment including reflow ovens, wave soldering machines, UV curing ovens, vertical ovens, depaneling machines, and spray coating machines.

Benefits

Enhanced Safety: Reduces risks of smoke accumulation and fire incidents by continuously monitoring exhaust conditions.

Improved Environmental Compliance: Helps control flux fumes and dust emissions for cleaner production and regulatory compliance.

Operational Efficiency: Prevents unexpected downtime by detecting ventilation issues before they cause equipment overheating or failure.

User-Friendly Integration: Easily integrates into existing SMT production lines without significant modifications.

SMT safety supervision & exhaust monitoring system



Exhaust air monitor

In SMT production equipment, such as reflow ovens, wave soldering machines, UV curing ovens, three-dimensional ovens, panel saws, spray machines, etc. During the working process, waste gas is produced, which contains a large amount of flux, dust, etc. This device can monitor the exhaust air velocity and air temperature in real time. Real-time alarm in case of abnormality. Effectively avoid the safety hazards of smoke and fire.

Eliminate fire hazards



Equipment maintenance warning



Avoid indoor air pollution



SMT safety supervision & exhaust monitoring system



Exhaust air monitor

*Monitor the air temperature and wind speed at the exhaust outlet

*It has historical curve records of wind temperature and wind speed, allowing for real-time traceability

*Configure a central monitoring system, where data from each exhaust outlet is displayed centrally and real-time alerts are issued in case of abnormalities

*It can achieve centralized display on different floors



SMT safety supervision & exhaust monitoring system



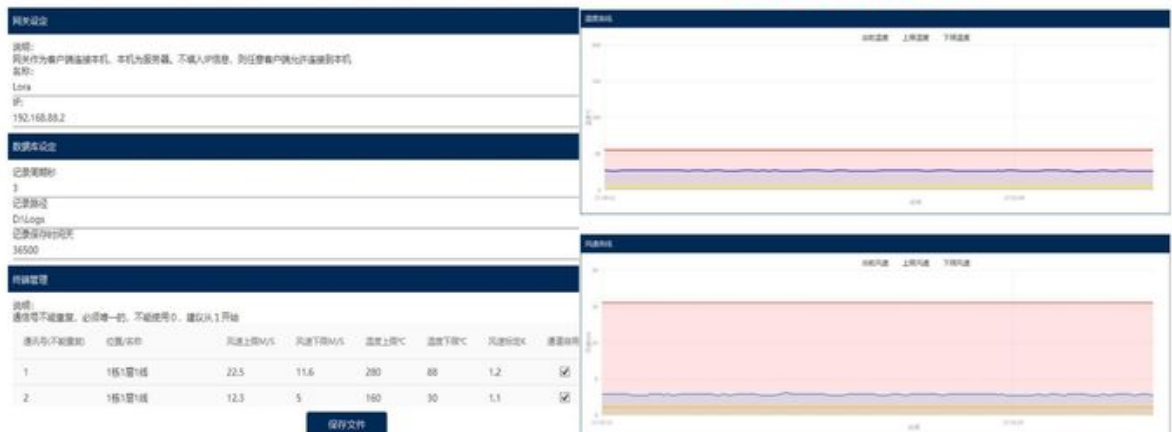
Exhaust air monitor



SMT safety supervision & exhaust monitoring system

Flexible and rich parameter configuration

Real-time traceability of the curve records of wind speed and temperature





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