

SUMAKE[®] Management Integrate System

That's why SMIS can boost your productivity:



Comprehensive Data Control

- ✓ **Real-time monitoring:** Always know the current operation status
- ✓ **Historical tracking:** Full records for easy review and quality verification



Visualized Data Analysis

- ✓ **Tightening curve tracking:** Capture real-time process data
- ✓ **Professional data analysis:** Optimize quality and support decision-making



Error-proof Operations

- ✓ **Integrated barcode recognition:** Avoid material and process errors
- ✓ **Material picking management:** Ensure correct parts are used
- ✓ **Coordinate-based positioning:** Prevent misoperations
- ✓ **Anti-start modes:** Reduce risk of accidental tool activation
- ✓ **Auto-lock mechanism:** Secure system after task completion



Quality Error Prevention & Control

- ✓ **Support for positioning arms:** Ensure precise operation
- ✓ **Barcode error-prevention:** Maintain process reliability
- ✓ **Instant anomaly alerts:** Detect issues immediately
- ✓ **Counting control:** Prevent omissions or repeats
- ✓ **Strict I/O control:** Guarantee accurate results



Smart Workflow Management

- ✓ **Quick setup:** Configure workflows in one click
- ✓ **Visual guidance:** Intuitive operation for every step
- ✓ **Flexible tightening strategies:** Adapt to different production needs
- ✓ **Dynamic instructions:** Ensure correct execution throughout

Smart application,
Precise features,
tailored to your
needs.

Data analysis
& Message Layer



Control Layer



Monitoring Server



Client

Client

Client

Client

Equipment Layer



ID Card

Bit Selector

Barcode Scanner

I/O Modules

Lamp

Screw Feeder

Support Arm

Operation Layer



Operator

SUMAKE[®]

MAKE JOBS BETTER THAN EVER

SUMAKE Management Integrate System

FEATURES



Comprehensive Data Control



Smart Workflow Management



Error-proof Operations



Quality Error Prevention & Control



Visualized Data Analysis



Our newly developed SMIS(SUMAKE Management Integrate System) software is specifically designed to meet the demands of smart factory management, providing a comprehensive and efficient on-site fastening control solution.

The system supports deep integration with coordinate positioning arms, electric screwdrivers, I/O modules, and industrial PCs, delivering precise guidance of fastening sequences through an intuitive user interface. Equipped with real-time data acquisition and monitoring capabilities, it effectively reduces process defects, optimizes workflow, and offers extensive data analysis reports to support continuous improvement. Furthermore, SMIS supports versatile customized configurations to accommodate diverse production line technical requirements, enhancing overall production efficiency and quality control.

As a core software in smart manufacturing systems, SMIS assists factories in achieving high levels of automation and precise management.



ISO 9001



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