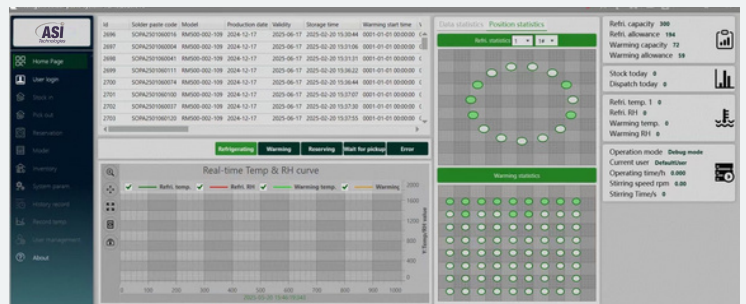
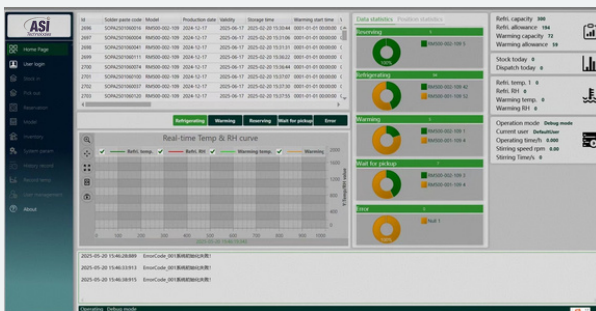


Product Overview

The Intelligent Solder Paste Cabinet series is a fully automated solution designed to manage the entire lifecycle of solder paste in modern SMT production environments. By integrating storage, rewarming, stirring, and intelligent material handling into a single system, it ensures optimal process conditions while minimizing manual intervention and human error.



Main Functions

- **All-in-One Intelligent System** – Combines automatic barcode/QR scanning, refrigerated storage, controlled rewarming, integrated stirring, and intelligent material management in a single platform.
- **Full Traceability** – Generates digital records and reports for each material, including batch tracking, storage duration, expiration management, and usage history.
- **Precise Environmental Control** – Maintains stable temperature conditions (0–10°C) and controlled storage environment to preserve solder paste quality and printing performance.
- **Automated FIFO & Priority Management** – Ensures correct material rotation, prevents expiration, and supports priority handling for re-feeding processes.
- **Advanced Access Control** – Multi-level user management with biometric identification, including facial and fingerprint recognition.
- **High-Performance Mixing Technology** – Combination of orbital revolution and self-rotation generates centrifugal force for consistent and reliable paste conditioning.



Technical Specifications

Model	ASI-SPC160	ASI-SPC320	ASI-SPC345	ASI-SPC690
Storage Type	Solder paste in jar	Solder paste in jar	Solder paste + Red glue	Solder paste + Red glue
Refrigerator Capacity	160 jars	320 jars	345 jars + 50 syringes	① 570 jars + 50 syringes ③ 690 jars
Refrigeration Temperature	0°C ~ 10°C	0°C ~ 10°C	0°C ~ 10°C	0°C ~ 10°C
Rewarm Capacity	29 jars	72 jars	45 jars + 26 syringes	① 75 jars + 26 syringes ③ 110 jars
Rewarm Temperature	18°C ~ 28°C	18°C ~ 28°C	18°C ~ 28°C	18°C ~ 28°C
Stirring Capacity	1–2 jars	1–2 jars	1–2 jars	1–2 jars
Stirring Speed	1–1000 rpm	1–1000 rpm	1–1000 rpm	1–1000 rpm
Stirring Time	0.1–99 min	0.1–99 min	0.1–99 min	0.1–99 min
Stirring Mode	Orbital + self-rotation	Orbital + self-rotation	Orbital + self-rotation	Orbital + self-rotation
Access rules	FIFO / priority re-feeding	FIFO / priority re-feeding	FIFO / priority re-feeding	FIFO / priority re-feeding
Barcode Support	Barcode / QR	Barcode / QR	Barcode / QR	Barcode / QR
Scan Mode	Automatic code reading	Automatic code reading	Automatic code reading	Automatic code reading
Functions	Labeling / Face / Fingerprint / RFID / IC card access	Labeling / Face / Fingerprint / RFID / IC card access	Labeling / Face / Fingerprint / RFID / IC card access	Labeling / Face / Fingerprint / RFID / IC card access
Control System	Industrial PC	Industrial PC	Industrial PC	Industrial PC
Dimensions (mm)	1460×1180×1860	1420×1590×1860	1490×1590×1860	1660×2180×1860
Weight	850 kg	930 kg	1000 kg	1500 kg
Power Supply	AC220V ±10%, 2.0 kW	AC220V ±10%, 2.0 kW	AC220V ±10%, 2.0 kW	AC220V ±10%, 2.0 kW