SATO CL-SXR

Industrial printing for compliance-critical labelling

- Traceability
- Lot / expiry
- Micro 2D
- RFID
- Cloud templates
- IoT-ready connectivity
- Print preview
- Zero-waste first label
- Sensor-assisted output



SOS AI Predictive Maintenance
Reduce avoidable downtime

Zero Downtime & High Reliability
Built for line-side continuity

0.3 mm Precision Printing
Dense codes & micro-label clarity

100% RFID Ready
Item, asset, case & pallet visibility

34–36% Recycled Plastic
Sustainability built in

Intuitive & Easy to Use
Fast operation, less training



Manufacturing & Electronics

Keep component genealogy intact from SMT to finished goods.

Critical applications: PCB, SMT and component micro labels · tray, reel and carton traceability · dense 2D codes for small parts

CL-SXR delivers: 0.3 mm precision · ERP/MES data output · SOS AI uptime

Outcome: Fewer relabels · stronger genealogy · less line interruption



Food & Beverage

Make every batch, allergen and expiry label audit-ready.

Critical applications: Ingredient, allergen, lot and expiry labels · case, pallet and cold-chain labels · high-volume line changeovers

CL-SXR delivers: Print preview · stable output through temperature variation · zero-waste first label

Outcome: Recall readiness · less waste · less rework



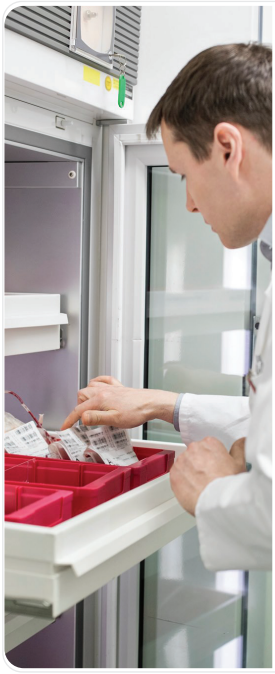
Pharma

Support serialised, batch-controlled labelling at production scale.

Critical applications: Medication packs and pharmacy batches · lot, expiry, serialisation and 2D labels · carton and secondary packaging

CL-SXR delivers: Dense-code precision · MES/ERP and label-management connectivity · reliable validated workflows

Outcome: Compliant batch labelling at scale, fewer deviations



Blood & Implants

Give critical items durable identity from preparation to use.

Critical applications: Blood bag and blood product labels · orthopaedic implant UDI labels · sterile packs, kits and regulated asset labels

CL-SXR delivers: High-density readable 2D micro labels · durable output for controlled environments · anti-wrinkle ribbon plate

Outcome: Stronger traceability confidence for high-risk items

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Automotive & Aerospace

Protect part identity across harsh, high-mix production.

Critical applications: Part ID, harness and PCB labels · WIP traveller labels · tool, asset and returnable labels

CL-SXR delivers: Precision printing for small durable marks · RFID readiness for asset visibility · dependable uptime in shop-floor variation

Outcome: Better part genealogy · fewer delays · clearer asset visibility



Chemicals & Industrial Goods

Keep hazard, batch and storage labels readable where conditions are harsh.

Critical applications:GHS/CLP hazard labels · drum, canister, carton and batch labels · durable shelf and storage labels

CL-SXR delivers: Compliance label formats · robust printing in dust, humidity and chemical exposure · anti-wrinkle ribbon plate and print preview

Outcome: Safer compliant labelling · less rework



Transportation & Logistics

Keep carrier, pallet and RFID workflows moving at peak throughput.

Critical applications: LPN, pallet and cross-dock labels · returnable item labels · RFID labels for assets and flows

CL-SXR delivers: High-speed dependable output · WMS and cloud template connectivity · RFID-ready tracking

Outcome: On-time shipments · better scan rates · fewer chargebacks



Retail & Omnichannel

Support store fulfilment, returns and stock visibility at scale.

Critical applications: Back of store and store distribution labels · returns and click-and-collect labels · RFID stock and item labels

CL-SXR delivers: Cloud templates · print preview · dependable peak-season output

Outcome: Faster fulfilment · better stock accuracy · fewer relabels