X-Treme Series

AUTO DRY CABINETS

X-SMART LIGHT

Smart Inventory Solutions

X-Smart Light is powered by X-Treme Series Auto Dry Cabinets.

The choice of
60 COUNTRIES

SOME OF
OUR REFERENCES

LOCKHEED MARTIN	NASA	BOEING	BOSCH Invented for life	SIEMENS	AIRBUS	PHARMAVITE
intel	Honeywell	THALES	Fraunhofer	BAE SYSTEMS	LEONARDO	UNIVERSITY OF OXFORD
RHEINMETALL	flex	SAFRAN AEROSPACE·DEFENCE·SECURITY	DIEHL Defence	Continental	PHILIPS	Celestica
IAI	Lenovo	Sandia National Laboratories	Westinghouse	Leica	Schneider Electric	LUMINAR
Ultra ELECTRONICS	ERICSSON	B BRAUN SHARING EXPERTISE	Megger	Together ahead. RUAG	Boehringer Ingelheim	THE EUROPEAN SPACE AGENCY esa
isro	TÜBİTAK	aselsan	VESTEL	arçelik	PHOENIX CONTACT	Medtronic
NNSA National Nuclear Security Administration	HAVELSAN	JAGUAR	BRITISH AMERICAN TOBACCO	ALSTOM	CCS Group	GENERAL ATOMICS
TEI	TÜRKHAVACILIK UZAYSANAYİİ	GENTEX CORPORATION	BNA	ESEN	JOHNS HOPKINS UNIVERSITY	PHOTONIS
Collins Aerospace	Heraeus	System SENSOR	SEAGATE	MOOG	JABIL	TELEDYNE TECHNOLOGIES Everywhereyoulook
Western Digital	roketsan	RENISHAW	SCHOTT	TURKISH TECHNIC	Rochester Electronics	UNIVERSITY OF MICHIGAN
BAYKAR	Meta	ANALOG DEVICES AHEAD OF WHAT'S POSSIBLE	Richardson Electronics	melecs	U.S. AIR FORCE	ROHDE&SCHWARZ Make ideas real
axon	SENSIRION	ÖBB	vitesco TECHNOLOGIES	ZEISS	Visteon	SIERRA SPACE

and many more...

X-Treme Series
AUTO DRY CABINETS

X Smart Light Powered by X Treme Series Auto Dry Cabinets

REVOLUTIONIZE
STORAGE WITH

PICK BY LIGHT
TECHNOLOGY

Maximize Efficiency | Eliminate Errors | Empower Your Workflow

Experience next level storage optimization with X Smart Light a cutting edge solution designed to streamline your inventory operations using intuitive Pick by Light technology.

By illuminating the exact slot where each item is stored, it guides operators to the right pick, right away. No second guessing, no wasted motion just fast, flawless retrieval with visual cues that drive speed, accuracy, and efficiency.

A red LED instantly signals any error, enabling immediate correction and keeping your operations running smoothly with zero compromise on quality.

With X Smart Light, you'll boost productivity, reduce operator errors, and take full control of your storage environment.

X-Treme Series
AUTO DRY CABINETS

X SMART LIGHT

SMART
DRYING & BAKING
INVENTORY SOLUTIONS

Scalable. High Capacity. Tailored for Performance.

Maximize your storage efficiency with our high capacity, modular inventory solutions engineered to support demanding production environments. The X Treme Series includes a full range of models XS-300, XS-600, XS-900, XT-1250, and XL-1800 designed to accommodate varying inventory needs with precision and flexibility.

Our cabinets are compatible with 7", 13", and 15" reels, offering seamless integration across your entire reel inventory. Each model is built for:

· Ease of use
· Operational reliability
· Flexible configurations

Whether you're storing standard reels or custom requirements, we provide optimized solutions for your workflow.

Reel Capacity for 7" Reels
(Shelf × Holder × Slot)

Cabinets	7" Reel Capacity (Shelf x Holder x Slot)
XS-300	3x3x27= 243
XS-600	8x3x27= 648
XS-900	8x4x27= 864
XT-1250	16x3x27= 1296
XL-1800	16x4x27= 1728

Shelf: Maximum shelf count per cabinet
Holder: Reel holders per shelf (horizontal plane)
Slot: Individual reel positions within each holder

For customer specific reel dimensions or storage demands, our team is ready to deliver tailored configurations to fit your exact needs.

X Treme Series
AUTO DRY CABINETS

Precision Meets Performance

Smarter Storage with Modular Flexibility and Intelligent Light Guidance

Our smart modular separator system maximizes space efficiency by organizing materials according to their width supporting components up to 48mm wide. Depending on the cabinet model, you can achieve a storage capacity of up to 1,728 reels in just 1.26 m² of floor space.

Integrated LED indicators take the guesswork out of inventory handling:
· Green lights show the correct shelf and slot.
· Blue confirms the pick and place
· Red signals any error.

To ensure smooth, error free operation, notifications are instantly delivered via visual, audio, and email alerts keeping your team informed in real time.

Smart Features at a Glance

· Adjustable width control for flexible reel sizes
· Intelligent shelf lighting for guided picking
· Supports random location inventory systems
· Maximum density with minimal footprint

Operational Advantages that Drive Results

· Real time visibility of MSDs including remaining floor life and physical location
· IPC-J-STD-033D compliant floor life monitoring and dynamic calculations
· Automated alerts for components nearing expiration
· Baking recommendations for expired items
· Color coded warnings for critical attention points
· Centralized monitoring of multiple dry cabinets from a single dashboard
· Barcode/QR code support for fast loading and unloading
· Accelerated storage and retrieval, reducing process times significantly
· Minimizes operator errors and eliminates risk of mix ups
· Boosts overall productivity and product reliability
· Supports up to 25 users with role based access control
· Prevents costly field failures and enhances production profitability

MSDTrack™
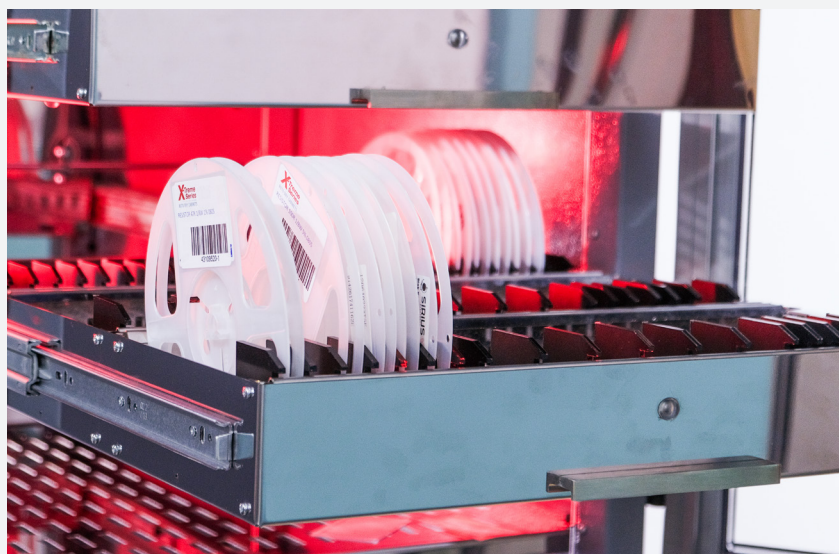
Advanced Process Control

Floor Life Management | Alert Automation | Mobile Optimization

Precision Floor Life & Baking Management

Ensure component reliability with advanced storage and baking control in full compliance with IPC-J-STD-033 standards. Our intelligent system tracks floor life in real time and issues proactive alerts for timely baking, helping you maintain the highest quality and consistency in production.

Automated Alert Management

By continuously monitoring humidity and temperature levels, our system delivers automated alerts for critical thresholds instantly notifying the right personnel to prevent disruptions and ensure smooth operations.

Mobile Control at Your Fingertips

Our mobile application gives you full access and control from anywhere. Monitor and manage your drying and storage environments with real time data that enhances responsiveness, speeds up decision making, and boosts operational agility.

Operational Specifications

- Humidity Set Range: 0.5% to Ambient
- Temperature Set Points: 15°C, 45°C, 60°C (Standard)
- Available Models: XS 300 | XS 600 | XS 900 | XT 1250 | XL 1800

X-Treme Series

AUTO DRY CABINETS

Smart Software, Smarter Operations

Flexible Configuration | Real Time Monitoring | Total System Control

Our operational system is designed with modularity and scalability in mind giving you full control over drying, storage, and inventory processes. Whether standard or optional, each feature is engineered to streamline operations, enhance traceability, and boost system efficiency.

Key Software Capabilities

- X Smart Light Functionality (Optional)
- Temperature & Humidity Set & Cycle Control (Standard)
- Software Alert Systems (Door, Temperature, Humidity) (Optional)
- Door Lock System (Optional)
- RFID Tagging System (Standard)
- User Level Customization (Standard)
- O_2 Sensor Integration (Optional)
- Graph Based Data Visualization (Standard)
- Touchscreen Display Interface (Standard)
- Cooler Control (Optional)
- Modbus Server Integration (Optional)
- Automated Email Alerts (Optional)

- Multi Interface Communication Compatibility (Standard)
- N_2 Control System (Optional)
- Cabinet Light Control (Standard)
- Ethernet Connectivity (Standard)
- Integrated Data Logger (Standard)
- Humidifier Control (Optional)
- Real Time Power Consumption Monitoring (Optional)
- Mobile App Support (Optional)
- Display Backlight Control (Standard)
- Remote Monitoring System (RMS) (Standard)
- WiFi Connectivity (Standard)
- Date & Time Display (Standard)

Every function is designed to increase visibility, accountability, and process intelligence turning your storage infrastructure into a powerful productivity tool.

X-Treme Series
AUTO DRY CABINETS

X TREME SERIES
CABINETS

Engineered for Performance | Built for Industrial Demands

Our X Treme Series cabinets are developed with a user focused design and engineered to support a wide range of industrial requirements. Whether you need high capacity storage or specialized handling for sensitive components, the X Treme Series delivers unmatched flexibility, protection, and performance.

These cabinets are more than just storage they are a complete solution built to enhance operational efficiency and ensure component safety. Available in both low and high capacity formats, they're ideal for industries that demand precision, control, and consistency.

Looking for technical specs or customization options?

Contact us to learn more about our accessories and tailored cabinet solutions.

Software Features of the Operational System

(S): Standart / (O): Optional

- (X) X-Smart Light Functionality (O)
- (X) Operational: Humidity Set Range 0.5% to Ambient Temperature Set Range 15°C, °45°C ,60°C (S)
- (X) Temperature and Humidity Set and Cycle Control (S)
- (X) Software Alert Systems: Door, Temperature, Humidity (O)
- (X) Cooler Control (O)
- (X) N2 Control (O)
- (X) Humidifier Control (O)
- (X) Door Lock System (O)
- (X) O2 Sensor Integration (O)
- (X) Modbus Server Integration (O)
- (X) Cabinet Light Control (S)
- (X) Display Backlight Control (S)
- (X) Real-time Power Consumption Information (O)
- (X) RFID Tagging System (S)
- (X) Data Visualization with Graphs (S)
- (X) Email Alerts (O)
- (X) Ethernet Connectivity (S)
- (X) WiFi Connectivity (S)
- (X) Remote Monitoring System (RMS) (S)
- (X) Mobile Application Support (O)
- (X) User-Level Customization (S)
- (X) Display and Touch-Screen (S)
- (X) Various interface types for device communication (S)
- (X) Data Logger Functionality (S)
- (X) Date & Time (S)

Accessories :

- (X) AISI 430 Stainless Steel Body Option
- (X) Stainless Steel Shelves
- (X) Stainless Steel Sliding Shelves
- (X) Stainless Steel FIFO Shelves
- (X) Stainless Steel Reel Holders
- (X) Stainless Steel PCB Holders
- (X) Stainless Steel U-Divider
- (X) Stainless Steel I-Divider
- (X) Custom Sliding Feeder Storage Solution
- (X) Solder Paste (Jar) Storage Solution
- (X) Solder Paste (Vertical Syringe) Storage Solution

- (X) Dryer Unit
- (X) Second Dryer Unit
- (X) N2 Auto-Flow Unit
- (X) Password-Enabled Automatic Door Locks
- (X) Thermal Insulation
- (X) Heater Kit (125 °C)
- (X) Password-Enabled Automatic Door Locks
- (X) Thermal Insulation
- (X) Heater Kit (125 °C)
- (X) Gas-Cooled Cooling Unit (2 °C)
- (X) Water-Cooled Cooling Unit (Chiller)

- (X) Extraction Unit for Venting Internal Air to the Outside
- (X) Outdoor Humidity and Temperature Sensor
- (X) External Alarm Bar with Magnetic Base, 2-Color Light and Buzzer
- (X) Humidifier Unit
- (X) Internal HEPA Filter Class 1000 (ISO 6)
- (X) Indoor UV Light
- (X) Integrated Oxygen Sensor
- (X) Power Consumption Monitoring Module
- (X) Modbus/ERP Connectivity Software Module
- (X) MSD (Moisture Sensitive Device) Traceability Software

X Treme Series
AUTO DRY CABINETS

Smart Inventory Solutions

X-Treme Series
AUTO DRY CABINETS

SMART INVENTORY SOLUTİONS

Component Traceability | Dry Storage Integration | Pick by Light Precision

Our intelligent inventory systems are built for end to end component traceability, seamlessly integrated with advanced dry storage technology.

By combining MSD Track software with Pick by Light functionality, operators are guided with intuitive visual cues that minimize errors and streamline the picking process.

Each component's storage condition and life cycle is tracked with precision ensuring compliance, boosting efficiency, and preventing costly mix ups or expired usage.

Key Benefits

- Full traceability across storage and production
- Enhanced material handling accuracy
- Real time tracking of moisture sensitive components
- Increased productivity through guided picking
- Seamless integration into your existing workflows

Protect every component. Track every step. Optimize every operation.
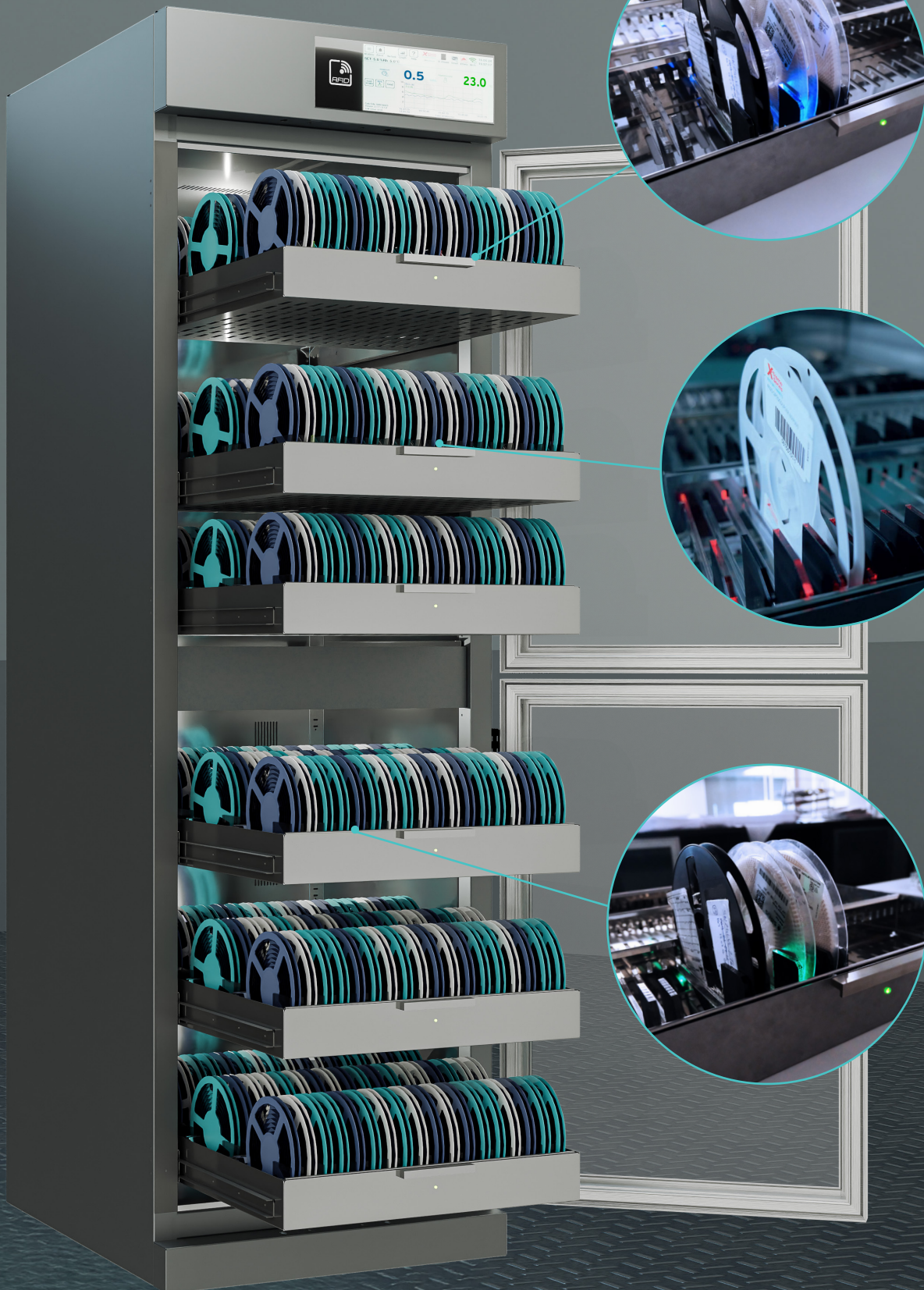
X-SMART LIGHT

Smart Inventory Solutions

IPC Member

CE

RoHS

ESD

Compliance with IPC/JEDEC-J-STD-033D standards
Compliance with CE and Rohs