

Want to Know Where Your Tools Are?
Ask Your Tool Box.



LEVEL 5 ATC
Tool Control System TM

Snap-on
INDUSTRIAL



Snap-on



Introducing the Ultimate Weapon Against FOD and FME

In aerospace, they call it FOD: Foreign Object Damage. In the power generation industry they call it FME: Foreign Material Exclusion. At Snap-on, we call it history.

Introducing a tool storage and control system engineered to automatically track individual tools by user without bar codes, scanners, RFID tags or other add-ons.

Working at the Speed of Work

The Snap-on Level 5™ ATC system works at the speed you do. Open the box, get the tools, go to work. Other systems require additional steps to scan or log activity. We do it automatically so you don't waste time, and you don't need to depend on other steps to insure accurate results.

- No individual tool scanning required
- No RFID tags to install or replace
- No limitations on tool size—from 1/4" screw driver bit to as long as it fits in a drawer
- Intuitive interface—easy-to-use touchscreen
- Audible voice confirmation of tool removal and replacement
- Automatic locking
- Errors announced and displayed for incorrect tool position or drawer not closed



Advanced Technology that Makes Tracking Tools Simple

Snap-on Level 5™ ATC system provides simple and user-friendly solutions for detecting tools issued from and returned to a tool box, providing a critical enhancement to your FOD/FME program. Using advanced digital imaging technology and proprietary software, the tool box automatically keeps track of its inventory by user, records which tools are removed and replaced, and when the transactions occurred.

How does it work? Level 5 ATC is a true tool control system. Based on the tool list that you supply, each drawer in the tool box is organized and each tool assigned to a unique space in the foam drawer liner. That information is then programmed into the scanning hardware fitted

to the top of the box. As each drawer is opened and closed it is digitally scanned, and the image is instantly compared with the baseline image of that drawer's contents. Any tool that has been removed or returned is identified and the computer makes an audible announcement: a tool has been removed or replaced.

Additionally, the computer tracks each tool removed and replaced by part number and user, and creates a database of all tools in and out—plus the digital images of the drawer contents at the time. This provides an audit trail of the last 15,000 transactions. Not only do you get the data for all activity, but you have access to the actual pictures of the drawer contents for verification.

Plug and Play vs. Some Assembly Required

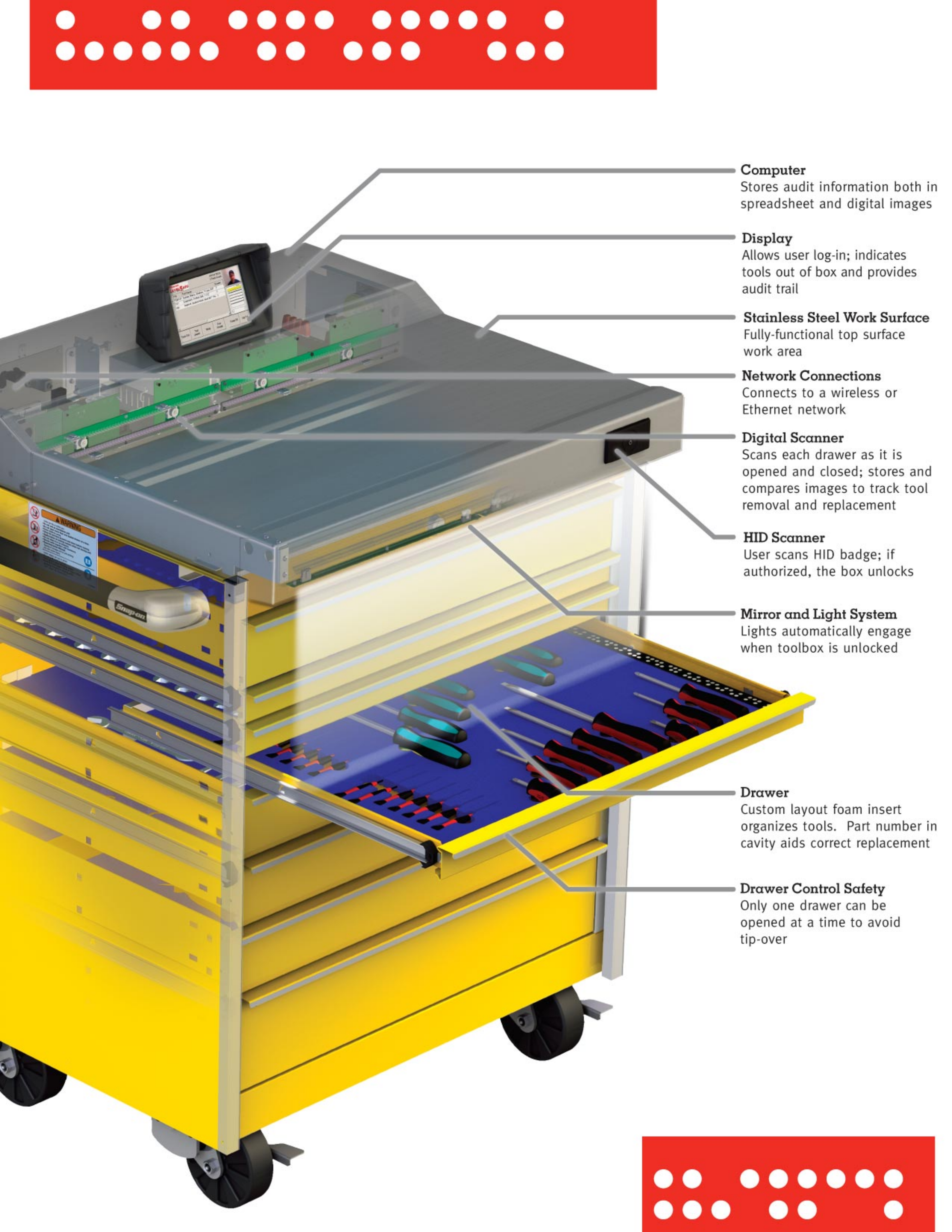
Some solutions to FOD and FME problems involve attaching RFID tags, sensors or bar codes to the tools to track them. Additional operations and attachments can create significant additional cost and limitations by:

- Interfering with the normal use of the tool
- Using up additional real estate in the drawers
- Having limited usability on small tools like sockets
- Dislodging and becoming a new source of FOD

The objective of Level 5 ATC is to provide a system that can track all the tools going in and out, and do it seamlessly. The Level 5 ATC system is delivered to you complete. All the tools that you have specified are laid out and organized in the drawers; the inventory is programmed; and the system is ready to use.

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Computer
Stores audit information both in spreadsheet and digital images

Display
Allows user log-in; indicates tools out of box and provides audit trail

Stainless Steel Work Surface
Fully-functional top surface work area

Network Connections
Connects to a wireless or Ethernet network

Digital Scanner
Scans each drawer as it is opened and closed; stores and compares images to track tool removal and replacement

HID Scanner
User scans HID badge; if authorized, the box unlocks

Mirror and Light System
Lights automatically engage when toolbox is unlocked

Drawer
Custom layout foam insert organizes tools. Part number in cavity aids correct replacement

Drawer Control Safety
Only one drawer can be opened at a time to avoid tip-over



Three Key Components that Work Together

Snap-on Level 5™ ATC includes three engineered components to organize and track tools:

- Drawers organized with foam cutouts
- Integrated digital scanning hardware
- Advanced proprietary software for visual-recognition and data recording

Snap-on advanced layout and design software, a product of more than 15 years of development and refinement, can create drawer arrangements to accommodate any unique set of tools. We program in the part numbers and the software creates the drawer configuration.

Once the tools have been installed in their proper place, each drawer is digitally scanned and the master image data is stored in memory.

Each time the drawer is opened, it is scanned and the software compares the drawer inventory to the stored master image and notes which tools have been removed or returned.

Access to the tool box is controlled by an HID proximity badge which provides user identification to the system. The software can be configured to require the user to specify the location where the

tools will be used from a menu of choices, and then unlocks the box for the user to select the tools. As the tools are removed the software tracks the activity and a voice announces how many tools are removed or returned in each drawer. A data file is generated that assigns all tools removed by part number to the particular user, and the information is stored in an audit trail that can accommodate 15,000 transactions. A digital image audit trail is also created and available for review. Maximum trackability and accountability is supported.

The display screen on the box codes each drawer yellow for the period of time that tools are signed out, so there is an instant visual indicator of work in progress. A list of all tools signed out is readily available on screen, so supervisors can see who has which tools and where they are working.

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Manage at the Box or on the Network

Snap-on Level 5™ ATC system boxes are network-ready, either through Ethernet or wireless connection. That means you can

review activity at all the Level 5 ATC boxes in your location from a central computer—you don't have to physically inspect each box.



Powerful Administrative Software

Level 5 ATC tool boxes are networked, either wirelessly or by Ethernet and managed by powerful, easy-to-use software. The administrator can view all the boxes on the network, whether they are on or off-line, and the status of each box—including the number of tools issued, the active users, and all history. System alerts—sending email or text

messages to supervisors, for example—can be customized for lost or broken tools or calibration requirements. Custom reports can be created on each tool's frequency of use, inspection and calibration dates, and other specific location requirements.

To find out more about

LEVEL 5 ATC
Tool Control System™

Visit: www.snapon.com/industrial/atc.html

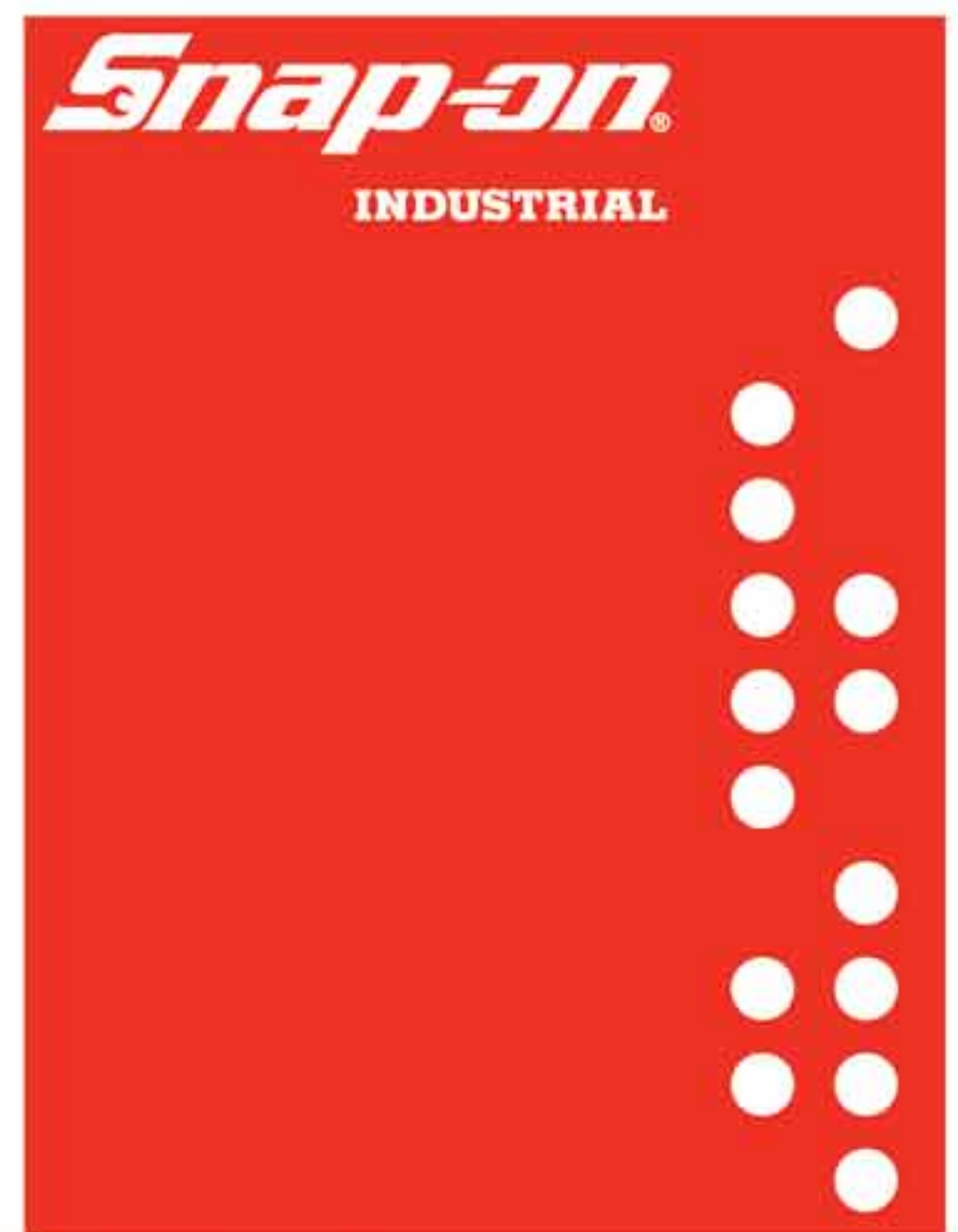
Contact Snap-on Industrial Customer Service at 1-877-740-1900 or your local representative

Platforms available:

- 36" single bank roll cab, approximate capacity 450 tools
- 54" single bank roll cab, approximate capacity 750 tools

Features and Specifications

- 1 year electronics warranty
- Extended warranty available
- 110V/230V AC power required
- Unlimited number of assigned users
- Networking through Ethernet or wireless
- 1 copy of ATC software required for each administrator



LEVEL 5 ATC

Tool Control System



How to Order

The Snap-on Level 5™ ATC system is delivered with your predetermined set of tools already installed in one of two basic platforms, 36" or 54". Each is offered in eleven color choices, three different drawer configuration options, with and without casters, and in 110V or 230V European power options.

To order, work with your Snap-on Industrial Account Manager or Customer Service Center to determine:

- 1 Tool Set Contents**—pick the tools you need and we will lay out the drawer arrangements
- 2 36" or 54" Platform**—we'll help you pick the right platform based on the number of tools in your set
- 3 Color Choice**—pick one of eleven
- 4 Drawer Configuration**—pick one of three
- 5 Casters**—with or without, depending on mobility requirements
- 6 Voltage**—110V or 230V International
- 7 Warranty**—standard or extended
- 8 Order Administrative Software, with Remote HID Scanner**

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Configuration		36" w/ Casters			36" w/out Casters			54" w/ Casters			54" w/out Casters		
Number of Drawers		6	7	8	6	7	8	6	7	8	6	7	8
Color	V												
	Green Mica	110V	L5AA363AW	L5AA362AW	L5AA361AW	L5AA3S3AW	L5AA3S2AW	L5AA3S1AW	L5AA543AW	L5AA542AW	L5AA541AW	L5AA5S3AW	L5AA5S2AW
230V		L5AE363AW	L5AE362AW	L5AE361AW	L5AE3S3AW	L5AE3S2AW	L5AE3S1AW	L5AE543AW	L5AE542AW	L5AE541AW	L5AE5S3AW	L5AE5S2AW	L5AE5S1AW
Red	110V	L5AA363BO	L5AA362BO	L5AA361BO	L5AA3S3BO	L5AA3S2BO	L5AA3S1BO	L5AA543BO	L5AA542BO	L5AA541BO	L5AA5S3BO	L5AA5S2BO	L5AA5S1BO
	230V	L5AE363BO	L5AE362BO	L5AE361BO	L5AE3S3BO	L5AE3S2BO	L5AE3S1BO	L5AE543BO	L5AE542BO	L5AE541BO	L5AE5S3BO	L5AE5S2BO	L5AE5S1BO
Royal Blue	110V	L5AA363CM	L5AA362CM	L5AA361CM	L5AA3S3CM	L5AA3S2CM	L5AA3S1CM	L5AA543CM	L5AA542CM	L5AA541CM	L5AA5S3CM	L5AA5S2CM	L5AA5S1CM
	230V	L5AE363CM	L5AE362CM	L5AE361CM	L5AE3S3CM	L5AE3S2CM	L5AE3S1CM	L5AE543CM	L5AE542CM	L5AE541CM	L5AE5S3CM	L5AE5S2CM	L5AE5S1CM
Ultra Yellow	110V	L5AA363ES	L5AA362ES	L5AA361ES	L5AA3S3ES	L5AA3S2ES	L5AA3S1ES	L5AA543ES	L5AA542ES	L5AA541ES	L5AA5S3ES	L5AA5S2ES	L5AA5S1ES
	230V	L5AE363ES	L5AE362ES	L5AE361ES	L5AE3S3ES	L5AE3S2ES	L5AE3S1ES	L5AE543ES	L5AE542ES	L5AE541ES	L5AE5S3ES	L5AE5S2ES	L5AE5S1ES
Deep Purple	110V	L5AA363EV	L5AA362EV	L5AA361EV	L5AA3S3EV	L5AA3S2EV	L5AA3S1EV	L5AA543EV	L5AA542EV	L5AA541EV	L5AA5S3EV	L5AA5S2EV	L5AA5S1EV
	230V	L5AE363EV	L5AE362EV	L5AE361EV	L5AE3S3EV	L5AE3S2EV	L5AE3S1EV	L5AE543EV	L5AE542EV	L5AE541EV	L5AE5S3EV	L5AE5S2EV	L5AE5S1EV
Candy Apple Red	110V	L5AA363JH	L5AA362JH	L5AA361JH	L5AA3S3JH	L5AA3S2JH	L5AA3S1JH	L5AA543JH	L5AA542JH	L5AA541JH	L5AA5S3JH	L5AA5S2JH	L5AA5S1JH
	230V	L5AE363JH	L5AE362JH	L5AE361JH	L5AE3S3JH	L5AE3S2JH	L5AE3S1JH	L5AE543JH	L5AE542JH	L5AE541JH	L5AE5S3JH	L5AE5S2JH	L5AE5S1JH
Extreme Green	110V	L5AA363JJ	L5AA362JJ	L5AA361JJ	L5AA3S3JJ	L5AA3S2JJ	L5AA3S1JJ	L5AA543JJ	L5AA542JJ	L5AA541JJ	L5AA5S3JJ	L5AA5S2JJ	L5AA5S1JJ
	230V	L5AE363JJ	L5AE362JJ	L5AE361JJ	L5AE3S3JJ	L5AE3S2JJ	L5AE3S1JJ	L5AE543JJ	L5AE542JJ	L5AE541JJ	L5AE5S3JJ	L5AE5S2JJ	L5AE5S1JJ
Electric Orange	110V	L5AA363JK	L5AA362JK	L5AA361JK	L5AA3S3JK	L5AA3S2JK	L5AA3S1JK	L5AA543JK	L5AA542JK	L5AA541JK	L5AA5S3JK	L5AA5S2JK	L5AA5S1JK
	230V	L5AE363JK	L5AE362JK	L5AE361JK	L5AE3S3JK	L5AE3S2JK	L5AE3S1JK	L5AE543JK	L5AE542JK	L5AE541JK	L5AE5S3JK	L5AE5S2JK	L5AE5S1JK
Arctic Silver	110V	L5AA363KS	L5AA362KS	L5AA361KS	L5AA3S3KS	L5AA3S2KS	L5AA3S1KS	L5AA543KS	L5AA542KS	L5AA541KS	L5AA5S3KS	L5AA5S2KS	L5AA5S1KS
	230V	L5AE363KS	L5AE362KS	L5AE361KS	L5AE3S3KS	L5AE3S2KS	L5AE3S1KS	L5AE543KS	L5AE542KS	L5AE541KS	L5AE5S3KS	L5AE5S2KS	L5AE5S1KS
Gloss Black	110V	L5AA363PC	L5AA362PC	L5AA361PC	L5AA3S3PC	L5AA3S2PC	L5AA3S1PC	L5AA543PC	L5AA542PC	L5AA541PC	L5AA5S3PC	L5AA5S2PC	L5AA5S1PC
	230V	L5AE363PC	L5AE362PC	L5AE361PC	L5AE3S3PC	L5AE3S2PC	L5AE3S1PC	L5AE543PC	L5AE542PC	L5AE541PC	L5AE5S3PC	L5AE5S2PC	L5AE5S1PC
Deep Cranberry	110V	L5AA363PM	L5AA362PM	L5AA361PM	L5AA3S3PM	L5AA3S2PM	L5AA3S1PM	L5AA543PM	L5AA542PM	L5AA541PM	L5AA5S3PM	L5AA5S2PM	L5AA5S1PM
	230V	L5AE363PM	L5AE362PM	L5AE361PM	L5AE3S3PM	L5AE3S2PM	L5AE3S1PM	L5AE543PM	L5AE542PM	L5AE541PM	L5AE5S3PM	L5AE5S2PM	L5AE5S1PM

Software

- Administrative Software - **L5AADMIN**
- Administrative Software with Employee Badge Scanner - **L5AADMINSCAN**
- Employee Badge Scanner Only - **L5ASCAN**

Extended Warranty

- One (1) year Extended Warranty - **L5AAEW1**
- Two (2) year Extended Warranty - **L5AAEW2**
- Three (3) year Extended Warranty - **L5AAEW3**