ER-900 Series
Multi-Use ECRs from the World’s Leading ECR Builder

Commercial Grade Construction, Long-Lasting and Serviceable

ER-920
Flat, Spill-Resistant Keyboard; Receipt Printer

ER-940
Flat, Spill-Resistant Keyboard; Receipt and Journal Printers

ER-925
Raised-Keypad Keyboard; Receipt Printer

ER-945
Raised-Keypad Keyboard; Receipt and Journal Printers

Features
Available Through Memory Allocation:
• Up to 22,000 PLUs
• Up to 99 Clerks/Cashiers
• Up to 99 Group Totals
• Up to 500 Hard or Soft Guest Checks
• Up to 2 Price Levels per PLU
• Up to 100 Mix & Match Discounts
• Up to 50,000 Lines of Electronic Journal

Programmable Keyboard Functions
• 8 Charge Keys
• 10 One-Touch Macro Keys
• 4 Automatic Currency Conversion Keys

For Convenience and Accuracy
• Automatic Tax Calculation for Up to 4 Rates or Tables
• Cancel Sale Function
• Key Lock Controlled Transaction Void
• Check Cashing
• Post Tendering
• Hash PLU Status
• Training Mode
• Not-Found PLU
• Condensed Journal (ER-940/ER-945)

Customized Quality Receipts
• Pre & Post Graphic Logos
• Up to 6-Line Pre & Post Messages
• Complete Receipt on Request

Management Reports
• Complete Financial Report
• Individual Clerk/Cashier Report
• Hourly Sales Analysis
• Reporting for Up to 99 Clerks/Cashiers
• PLU, Group and Stock Reports
• Period-To-Date Financial, Hourly,
  Cashier, Group and PLU Reports
• Sales by Day Report for 31 Days
• Open Check Report

Specifications

Printer Type:
Direct Thermal, Drop-and-Print

Printer Stations – ER-920/925:
Single Station; Receipt/Requisition Printer

ER-940/945:
Dual Station; Receipt and Journal Printers

Printer Speed:
22 Lines per Second

Paper Roll:
2-1/4” (58mm)

Displays –
Operator: 2-Line x 16 Character Alpha-Numeric
Backlit LCD

Customer: 9-Digit LED

Keyboard Capacity – Flat:
150 Keys / 100 Programmable Locations

Raised:
Up to 94 Keys / 78 Programmable Locations

Serial Ports –
Standard:
COM1 & COM2 (D-Sub-9M)

Optional:
COM3 & COM4 (RJ45)

Cash Drawer Ports:
One Additional RJ11 (24V) Port
(Supports Open/Closed)

SD Port:
Standard

Card Reader:
Optional Integrated Dual Track MCR

Standard Cash Drawer:
5 Bill, 5 Coin with Drawer Lock and
Two Media Slots

Dimensions:
16-1/2”W x 11-13/16”H x 16-1/2”D

Weight –
Single Station: 24.15 lbs.
Dual Station: 25.10 lbs.

Shipping Weight:
30.55 lbs.

Power Requirements:
120 AC ± 10%, 50/60 Hz

Power Consumption:
Approximately 25 Watts

Operating Temperature:
32° ~ 104°F (0° ~ 40°C)

Humidity Range:
30% to 80% RH (Non-Condensing)

Memory Protection:
Full Charge for 24 Hours will Protect Memory
for 90 Days

In the Carton:
Starter Paper Roll / Key Set / User Manual /
Power Switch Cover / Cable Router Clip /
Paper Take-Up Spool (ER-940/945 Only)

Features
• Choose a flat keyboard model for food service or a raised
  keyboard model for retail environments.
• Two-line alpha-numeric display shows each item as it is
  entered.
• Multi-Language Support:
  English, Spanish or French
• Connects to popular POS peripherals.

Best Applications
• Food Service: Quick Service, Sandwich, Ice Cream, Deli, Cafeteria and Concessions
• Simple Table Service: Diners, Ethnic/Specialty Restaurants, Bar & Grill
• Independent Retail Merchants, Especially Simple Retail Scanning
• Simple Franchise Concepts

SAM4s ER-945 and ER-920 shown with optional card reader.

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Popular Components Included

An extremely cost-effective and environmentally friendly bundle – each ER-900 series register includes a high quality cash drawer, high-speed thermal printer(s), and a rear customer display.

Operator Display
The easy-to-read, blue back-light, two-line by 16-character LCD operator screen identifies each item as it is entered.

Rear Display
The 9-digit LED customer display allows consumers to monitor prices as items are entered and view the sale total.

Quality Cash Drawer
Features a 5 bill, 5 or 6 coin inserter with adjustable coin dividers, two media slots and a standard security lock and key.

Secure SD Port
SD Card Utilities include program Save/Load, report capture, firmware updates and graphics uploading.

POS Connections and Options
Standard RS-232C Communication
Connect to a wide array of compatible off-the-shelf POS peripherals. Two RS-232C communication ports are standard and two additional ports are available for: • Direct or Modem PC Communications with Optional Polling Software • Kitchen Printer • Slip Printer • Coin Dispenser • Scale • Pole Display • Kitchen Video • Video Surveillance • Scanner • Liquor Dispenser

Secure Connector Panel
Up to four RS-232C communication ports hidden behind a convenient, easy to access door located on the back of the unit.

Remote Printing
Enjoy crisp high quality receipts and orders from a high speed thermal POS printer.

Electronic Journal
Single printer models are best for receipt-only or journal-only applications. If a receipt and a sales journal is needed, the journal can be archived electronically for printing at any time, can be collected on an SD card, or can be polled and collected by a PC. A variety of electronic journal reports are available that allow you to quickly audit selected activities.

Bar Code Scanning
Enjoy the advantages of scanning – price control, item movement reporting and labor savings.

Electronic Journal Report Sorting Only
Voids – Shown 75% Actual Size

Printed Journal
Use a two-printer model when a real-time printed journal is needed for sales archival.

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Printed Journal
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Popular Components Included
An extremely cost-effective and environmentally friendly bundle – each ER-900 series register includes a high quality cash drawer, high-speed thermal printer(s), and a rear customer display.

Operator Display
The easy-to-read, blue backlit, two-line by 16-character LCD operator screen identifies each item as it is entered.

Rear Display
The 9-digit LED customer display allows consumers to monitor prices as items are entered and view the sale total.

Quality Cash Drawer
Features a 5 bill, 5 or 6 coin insert with adjustable coin dividers, two media slots and a standard security lock and key.

Secure SD Port
SD Card Utilities include program Save/Load, report capture, firmware updates and graphics uploading.

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Up to four RS-232C communication ports hidden behind a convenient, easy to access door located on the back of the unit.

Bar Code Scanning
Enjoy the advantages of scanning – price control, item movement reporting and labor savings.

PC Utility and SAM900
Use the PC Utility to save, edit and download programs. Poll your ECR from a local or remote PC using SAM900.

Remote Printing
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POS Connections and Options
Standard RS-232C Communication
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Remote Printing
• DataTran™ Integrated Credit

Integrated Credit, Debit, EBT and Gift Card Payments
Ensure Speed, Security and Efficiency
Out of scope electronic payment sales can be processed in a single step at the SAM4s ER-900 with an optional Datacap™ integrated payment appliance.

• The ER-900 Series is electronic payment and gift card processing ready – no additional software modules are required.
• The ER-900 Series is compatible with the latest Datacap Systems electronic payment processing appliances.
Transactions can be processed quickly using the latest iPTran LT™ or PDC/TranServer™ and a persistent internet connection.

Thermal Printer(s)
Choose a single printer or traditional receipt and journal model. Both versions provide fast, quiet thermal printing. Drop-in loading simplifies paper changing and virtually eliminates paper jamming.

Receipt & Journal Printer Models: ER-940, ER-945
Use a two-printer model when a customer receipt and a traditional real-time printed journal is needed for sales archival.

Single Printer Models: ER-920, ER-925
Single printer models are best for receipt-only or journal-only applications. If you choose a single printer model for printing receipts, you can record your journal electronically in the register’s memory.

Electronic Journal
Single printer models are best for receipt-only or journal-only applications. If a receipt and a sales journal is needed, the journal can be archived electronically for printing at end-of-day, can be collected on an SD card, or can be polled and collected by a PC. A variety of electronic journal reports are available that allow you to quickly audit selected activities.

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Electronic Journal Report Sorting Only

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Applications
Retail, Gift Shops, Convenience Stores, Beer/Wine/Liquor, Specialty Food, Produce, Meat, Main Street Merchants

The traditional raised-key keyboard provides 21 keyboard PLU keys and can be expanded by your SAM4s dealer to 63 PLU keys. Keyboard PLUs act like traditional departments for open-priced entries or can be set as preset price keys. Large key size ensures easy-to-read key labels. Merchants who wish to scan can build their PLU file on the fly using the not-found PLU registration feature.

Operator Display
Two-line by 16-character LCD

The easy-to-read, blue backlit, two-line by 16-character LCD operator screen identifies each item as it is entered.

Popular Components Included

SAM4s ER-925, ER-945; For Retail Merchants

Applications
Retail, Gift Shops, Convenience Stores, Beer/Wine/Liquor, Specialty Food, Produce, Meat, Main Street Merchants

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SAM4s ER-920, ER-940; For Food Service

Applications
Cafeterias, Quick Service, Concessions, Ice Cream / Frozen Yogurt Stands, Hamburger, Sandwich, Pizza, Coffee, Bakery, Deli’s, Bars

Preset PLUs facilitate fast and accurate registrations. With 150 key locations, the flat, spill-resistant keyboard can easily accommodate large menus with preset keys for each item. Where menus change daily with breakfast, lunch or dinner times the paper key-sheet under the overlay is easily exchanged. A simplified check tracking feature is available for bars and cafes.
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**ER-900 Series**

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**Features**

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- Up to 99 Group Totals
- Up to 500 Hard or Soft Guest Checks
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For Convenience and Accuracy
- Automatic Tax Calculation for Up to 4 Rates or Tables
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Management Reports
- Complete Financial Report
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**Customer:** 9-Digit LED

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**Optional:**
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- Supports Open/Close

**SD Port:** Standard

**Card Reader:**
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**Best Applications**

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- Simple Table Service: Diners, Ethnic/Specialty Restaurants, Bar & Grill
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