

***National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices***

For:

Point-of-Sale System (POS), Electronic Cash Register
Trademark: TeamPoS
Models: 9531, 9535, and 2000
 n_{\max} : 3000 e_{\min} : 0.01 lb
Capacity: 24.99 lb and 30.00 lb

Accuracy Class: III

Submitted by:

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Standard Features and Options

- Keyboard tare table and pre-programmed tare table capacities: 9.99 lb (ISS45), 0.99 lb (ISS400), and 25.00 lb (TeamPoS 5000/S18)
- Price look-up capability (PLU) and programmed commodity keys with tare
- Multiple pound and multiple item pricing by PLU or keyboard entry
- Void key or training mode for testing purposes
- Motion detection is provided by point-of-sale scale
- Primary weight display is provided by the point-of-sale scale or scanner scale (built in or remotely mounted)
- Manual weight entries (permitted only when the POS scale is in the zero balance condition) are identified as "MAN - WT" or "MANUAL WEIGHT" on the printed receipt (capability not available on TeamPoS 5000/S18)
- Modular configuration capability
- Offline mode for the ISS45 software only (operates as a stand-alone POS system)

Programs:

- ISS45 (See identification section for version numbers)
- ISS400 (Version STD_V3.5.14_XXXXX or higher)
- Team PoS 5000/S18 (Version 7.1_XXX or higher)
- Liberator (Version 2.00.00.24 or higher)
- Suffixes after the version number represent non-metrologically significant variations

Optional Programs:

- ICL or Fujitsu ISS45 for the NCR 7452 POS terminal (Certificate of Conformance Number 96-055A4) and compatible and certified NCR POS scales and scanner scales. The interconnect box is not required.
- Additional **Options** are listed on page 3

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of Handbook 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.



Dennis E. Ehrhart
Chairman, NCWM, Inc.



Ross J. Andersen
Chairman, National Type Evaluation Program Committee

Issued Date: June 11, 2004

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Fujitsu Transaction Solutions, Inc.
Point of Sale System
Models: 9531, 9535, and 2000

Application: For use as a network point-of-sale system in stores and supermarkets when interfaced with compatible certified point-of-sale weighing elements.

The program Liberator, functionally operates as an IBM Model 4690 Supermarket Application system (Certificate of Conformance Number 97-051A2) with the Fujitsu Model 2000 or 9535 hardware. The original approved models are not modified, Liberator allows both models to be integrated.

The Model 9535 ECR uses TeamPoS 5000/S18 emulation software in lieu of the ICL Series MT2001 (formerly National Semiconductor, OWM Report of Test Number 712) and 9520 Series (Certificate of Conformance Number 91-078) point-of-sale system software. The back room (manager's) computer and the original functions are the same. It is intended for supermarket applications that only need to upgrade the older check stand ECR's and peripherals.

The program, ICL or Fujitsu ISS45, operates on the NCR 7452 POS terminal and is suitable for use with NCR POS weighing elements.

Identification: Identification information for the program Liberator is displayed by turning the key on the Fujitsu Model 2000 to the "Z" or "4" position and by pressing S1 – 0 – S1. Identification information for the IBM Model 4680-4690 will be displayed according to Certificate of Conformance Number 97-051A2.

The program ISS45 will continue to display identification information (as described below) for existing ECR's until the software is updated. The program ISS45 version sequence has been modified. Version number 7.8.3_50, will be updated to version number 7.0.8.3-050. Both versions are metrologically the same, only the numbering standard has been modified. Additionally, version number 8.6.0_50 will be updated to version number 8.0.6.0-050. Both versions are metrologically the same, only the numbering standard has been modified.

The identification information for the Model 2000 is on the right side, next to the back of the personal computer. The identification information for the Model 9535 (the 9531 Interconnect Box is built into the computer) is on the back of the computer with duplicate information on the right side, next to the front of the personal computer. Typed numbers of the identification label represent RAM, hard drive and floppy drive memory sizes, and have no metrological significance.

The Model 9531 Interconnect Box is used with end user supplied computers and identification information is on the bottom of the box (designed to be easily rotated) and shall be readily visible. The ICL 9531 is not available for applications using the S18 emulation software.

The program ISS45 with versions greater than 7.0.8.3-XXX continuously display's the identification information ("ICL ISS45 WINPOS by Point-of-Sale" or "Fujitsu ISS45 by Retailix") on both the customer and operator's display when the ECR is in a "logged off" condition. The version number is also continuously displayed on the bottom line of the video displays during normal operation of the ECR.

The program ISS400 identification may be displayed on the back room computer video display by simultaneously depressing the "Control" and "V" keys on the keyboard.

The program TeamPoS 5000/S18 identification is visible on the customer's display by rotating the manager's key to the "offline mode" position and by pressing "1" on the keyboard.

Fujitsu Transaction Solutions, Inc.
Point of Sale System
Models: 9531, 9535, and 2000

Identification: (Continued)

ICL or Fujitsu ISS45 operating on the NCR 7452 POS terminal (Certificate of Conformance Number 96-055A4) will display, "ICL ISS45 WINPOS by Point-of-Sale" or "Fujitsu ISS45 by Retailix", on both the customer and operator's display when the ECR is in a "logged off" condition. The version number is also continuously displayed on the bottom line of the display during normal operation of the ECR. The identification for the NCR hardware is on the back of the ECR with duplicate information located behind an unlocked panel on the front of the device.

Additional Options: A primary weight display (minimum height: 1/4 inch) may be provided by the computer video display (CRT or customer/operator touch screen flat panel display/keyboard) and is only operable when a cashier has signed on and shall comply with separable indicating element marking requirements. When in the screen saver or sleep mode the cashier is automatically logged off and must log on again prior to performing another transaction.

For all program versions (except for TeamPoS 5000/S18 emulation program) each user must supply the hardware that must be connected to the ICL Model 9531 Interconnect Box and ICL POS software.

Sealing: There are no metrological parameters that require the use of a security seal. Only the manufacturer can alter non-sealable parameters such as scale communications and compatibility (except baud rates and scale selection), error codes, and basic receipt format. Unauthorized changes to the POS software will disable communications with the POS scale, printer, and other peripherals (except video display).

Test Conditions: This certificate supersedes Certificate of Conformance Number 95-083A4 and is issued to include the software application Liberator. Software applications listed as a model in Certificate of Conformance 95-083A4 have been removed from the "For" box and further explained in the application and identification sections. Version numbers for the ISS45 software packages have been modified to indicate the latest release. Due to existing systems and the latest release of ECR software packages, the manufacturer designations in the certificate will include ICL and Fujitsu (see Certificate of Conformance Number 95-083A4).

The software package Liberator was submitted for evaluation. A Fujitsu Model 2000 terminal (Certificate of Conformance Number 95-083A4) was downloaded with IBM Model 4680-4690 Supermarket Application (Certificate of Conformance Number 97-051A2) software. The Liberator allowed the IBM Supermarket Application to integrate with Fujitsu Model 2000 hardware. The emphasis of the evaluation was on the system design, interaction with the NCR Model 7875 point-of-sale scanner scale (Certificate of Conformance Number 96-135A10), receipt format (including individual transaction, itemized summary and final receipts), and operation after a power interruption.

Certificate of Conformance Number 95-083A4: This certificate superseded Certificate of Conformance Number 95-083A3 and was issued without additional testing to change the name of the company, telephone, fax and contact information.

Certificate of Conformance Number 95-083A3: This Certificate superseded Certificate of Conformance Number 95-083A2 and was issued to include the ISS45 software package installed in NCR POS hardware, the ICL Model 2000 POS system, and the customer/operator touch screen flat panel display/keyboard option. The NCR Model 7452-3511 point-of-sale system (Certificate of Conformance Number 96-055A4) with the ISS45 software (version number 8.2.1.55) was submitted for evaluation. The system was interfaced with an NCR Model 7870 point-of-sale scanner scale (Certificate of Conformance Number 92-118). The emphasis of the examination was on the device design, interaction with the point-of-sale scale, receipt format (including individual transaction, itemized summary and final receipts), and operation after a power interruption.

Fujitsu Transaction Solutions, Inc.
Point of Sale System
Models: 9531, 9535, and 2000

Test Conditions: (Continued)

The Model 2000 point-of-sale system with the ISS45 software was also submitted for evaluation (version number 8.2.0.57). The system was interfaced with an ICL Series 9900 point-of-sale scanner scale (Certificate of Conformance Number 00-037). The emphasis of the examination was on the device design, interaction with the point-of-sale scale, receipt format (including individual transaction, itemized summary and final receipts), and operation after a power interruption.

Certificate of Conformance Number 95-083A2: This Certificate superseded Certificate of Conformance Number 95-083A1 and was issued without additional testing to change the name of the company, the address, and the contact person.

Certificate of Conformance Number 95-083A1: This Certificate superseded Certificate of Conformance Number 95-083 and was issued to include the ISS400 software package and correct errors in the original certificate. The Model 9535 point-of-sale system with the ISS400 and TeamPoS 5000/S18 (MT2001 and 9520 emulation) software was submitted for evaluation. The systems were interfaced with an ICL Series 9000 point-of-sale scanner scale (Certificate of Conformance Number 94-081). The emphasis of the examination was on the device design, interaction with the point-of-sale scale, receipt format (including individual transaction, itemized summary and final receipts), and operation after a power interruption.

Certificate of Conformance Number 95-083: The Model 9535 point-of-sale system with the ISS45 software was submitted for evaluation. The system was interfaced with an ICL Series 9000 point-of-sale scanner scale (Certificate of Conformance Number 94-081). The emphasis of the examination was on the device design, interaction with the point-of-sale scale, receipt format (including individual transaction, itemized summary and final receipts), and operation after a power interruption.

Evaluated By: Dan Parks (CA) 95-083A5, Steve Cook (CA) 95-083, 95-083A1, and 95-083A3

Type Evaluation Criteria Used: NIST Handbook 44, 2004 Edition, NCWM Publication 14, 2004 Edition

Conclusion: The results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

Information Reviewed By: S. Patoray (NCW), L. Bernetich (NCWM) 95-083A5