



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Point-of-Sale System
Electronic Cash Register (ECR)
Model: Microsoft Dynamics RMS
Trade Name: Microsoft Store Operations
Version: 2.0 or Higher
Accuracy Class: III

Submitted By:

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Standard Features and Options

Primary weight indication and motion detection are provided by a compatible and certified scale.

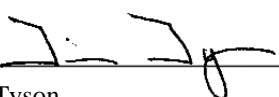
Standard Features:


- Programmable Tare with PLU
- Price and Product Look-up Capability
- Manual Weight Entry
- RS-232 Communications
- Operator Display
- Customer Display
- Multiple Pound/Item Pricing
- Credit/Refund Capability
- Central Processing Unit (Network)
- Integral (Stand-Alone) Terminal
- Void Capability
- Training Mode

Minimum System Requirements:

- Monitor Display
- Alphanumeric Keyboard
- Receipt Printer
- Operating System: Windows 2000 with SP1 or Later Version
- Application Software: Microsoft SQL Server 2005 Express Edition (MSDE 2000)
- Hardware: Processor 600 MHz or Higher, 192 MB RAM, 50 MB Hard Drive Space, 32-bit Network Card

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST 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.


Tim Tyson
Chairman, NCWM, Inc.


Randy Jennings
Chairman, National Type Evaluation Program Committee
Issued: March 21, 2011

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Microsoft Corp.

Point-of-Sale System / Microsoft Dynamics RMS

Application: This system is for use in a retail point-of-sale (POS) application. A remote customer weight display is necessary when the POS system is interfaced to a weighing element.

Identification: The required identification information will be displayed by pressing the "CONTROL," "SHIFT" and "F1" keys simultaneously.

Sealing: The POS system does not require provisions for sealing. The manufacturer keeps source code information. When interfaced with a certified weighing element, sealing is accomplished as described on the weighing element Certificate of Conformance.

Operation: The ECR point-of-sale system may operate as an individual device or the system may be operated from a back office terminal with individual point-of-sale terminals in a retail location.

Test Conditions: This certificate supersedes Certificate of Conformance 09-001 and is issued without additional testing. A correction was made to the certificate number specified for the Magellan scale identified under the test conditions. Previous test conditions are listed below for reference.

Certificate of Conformance Number 09-001: This certificate supersedes Certificate of Conformance 08-005, which became inactive on January 1, 2009. This certificate was issued without additional testing based on the previous test conditions, which are listed below for reference. No additional testing was required.

Certificate of Conformance Number 08-005: The Model Retail Management System was installed on a desk top personal computer that satisfied the minimum system requirements. Magellan PSC/Magellan 8200series (NTEP CC 97-064A3) weighing element with a pole mount display was interfaced to the personal computer. The emphasis of the evaluation was on device design, operation, interaction with the scale, and receipt format. Several transactions were conducted to verify manual weight operation, calculations, and tare operation.

Evaluated By: Sonia Muñoz (CA), Sam Boyd (CA) 08-005

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2007. NCWM, Publication 14: Measuring Devices, 2007.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: S. Patoray, L. Bernetich (NCWM) 08-005; Jim Truex (NCWM) 09-001, 09-002



Microsoft Corp.

Point-of-Sale System / Microsoft Dynamics RMS

Example of Device:

The screenshot displays the Microsoft Dynamics RMS software interface. At the top, the sales screen shows the name 'Alex Nayberg' and a discount of 0.00%. The main area is titled 'Tailspin Toys' and lists child names and membership options. A central dialog box titled 'About Store Operations' is open, providing software details: 'Store Operations POS Version 2.0.0105', copyright '© 2007 Microsoft Corporation', and technical support contact information for Microsoft Corporation. The dialog also includes a warning about copyright and a 'System Info...' button. The bottom of the screen features a summary table with 'Sub Total', 'Sales Tax', and 'Total' all set to '\$0.00'. Below this is a grid of function keys (F1-F12) with labels such as 'About', 'Currency', 'Voucher', 'Time Clock', 'Peripherals', 'Reason Code', 'Clear Customer', 'Edit Shipping', 'Track Shipping', 'Internet Order', and 'RMSNet'. A right-hand sidebar contains links to 'Microsoft Dynamics RMS Online', 'Online Resources', 'Merchant Services', and 'Compatible Hardware'.

ID Screen / "Control," "Shift" and "F1" Displayed