

B0813x MAIN FIRMWARE RELEASE NOTES

WM-Micro Compact Wrapper

Procedure to install new WM-Micro firmware

Refer to the appropriate *Service Manual* for additional information.

1. Copy the firmware folder "Soft" onto an empty USB memory stick.
 - The "Soft" folder itself must not be zipped even if some files in the folder are.
 - The "Soft" folder must be the only data on the USB memory stick.
2. Power up the machine. On the wrapper press the yellow **RETURN** button at the 0322 Go Back to Original Position screen to return all mechanical components to their home position.
3. Press the green **ENTER** button at the Date/Time confirm screen.
4. Remove the access panel located at the top rear of the printer assembly.
5. Insert the USB memory stick into any of the four USB ports.
 - No other USB devices should be connected.
6. Press the **RETURN ARROW** key (upper right) to enter the Main menu.
7. Enter the **Service Password** and press the **PLU** key to access hidden menu steps.
8. Press the **ADJUST** menu button.
9. Select **DOWNLOAD**.
10. Select the firmware version to be installed. It will be highlighted in yellow.
11. Press **EXEC** to confirm the selection.

Note: If message *15036-0000 Database Version Is Different* is displayed a memory clear will be required after installing the firmware. Press **STOP** and make a USB backup (Setup menu > File Save/Load) if necessary, otherwise press **EXEC** to continue.
12. Press **EXEC** to begin the firmware download.
13. The screen will show the firmware download progress. The download will take several minutes to complete.
14. When Re-Boot Check message 15029 is displayed, the firmware download is complete.
15. The wrapper will automatically reboot.
16. On the wrapper press the yellow **RETURN** button at the 0322 Go Back to Original Position screen to return all mechanical components to their home position.
17. Press the green **ENTER** button at the Date/Time confirm screen.
18. If prompted enter the Adjust menu and perform a Master Data memory clear. Then enter the Setup menu and load the backup from step 11.
19. Press the **RETURN ARROW** key (upper right) to enter the Main menu.
20. Enter the **Service Password** and press the **PLU** key to access hidden menu steps.
21. Press the **ADJUST** menu button, then select **DOWNLOAD**.
22. Press the **SUB APP** tab.
23. Select the program to be installed. It will be highlighted in yellow. Select only one Sub App program at a time.
24. Press **EXEC** to confirm the selection. Press **EXEC** to begin the firmware download.
25. The screen will show the firmware download progress. The download may take several minutes to complete.
26. When Re-Boot Check message 15029 is displayed, the firmware download is complete.

Note: The Pack Machine sub-app does not display message 15029 when complete.
27. If the wrapper does not automatically reboot then power off the wrapper. Wait 30 seconds and switch on the power.
28. On the wrapper press the yellow **RETURN** button at the 0322 Go Back to Original Position screen to return all mechanical components to their home position.
29. Press the green **ENTER** button at the Date/Time confirm screen.
30. Repeat steps 19 ~ 28 to load any remaining Sub App and Sub Boot programs as needed.
31. Remove the USB memory stick.

B0813x MAIN FIRMWARE RELEASE NOTES

WM-Micro Compact Wrapper

Table of Contents

Procedure to install new WM-Micro firmware	1
Version B0813H.....	2
Version B0813G.....	3
Version B0813F	4
Version B0813E	5

Version B0813H

Release Date: August 2025

Use with SLP-5 **2.64** or later ([strongly recommended](#) for compatibility)

<u>Related Programs</u>	<u>P-1180B CPU</u>	<u>P-1180C CPU</u>
Main:	B0814H	B0814H
Scale Driver:	J0834 (J0835)	J0834 (J0835)
OS:	J1180	J1180
BOOT:	J1072C	J1072C
FPGA App.:	J1058C	J1163
Keyboard:	J0823B	J0823B
Scale:	J0776L or later	J0776L or later
Wrap App.:	J1183C (J1106C)	J1183C (J1106C)
Printer App:	B0821	B0821

NOTES:

- After downloading the Main App program download the Printer (EC), Wrapper (Pack Machine), and FPGA sub-app and sub-boot programs one at a time as needed. If the wrapper does not automatically reboot then power down the wrapper after each sub app download. Wait 30 seconds and switch on the power.



Caution

Memory initialization may be required when upgrading to this firmware version. Create a USB backup or use SLP-5 Maintenance Utility and SLP-5 to backup the wrapper before upgrading from firmware **C0813C** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu > Memory Clear) & **System Data Init.** (Setup menu > File Save/Load > Scale Init. tab). [\[8.5.813.0\]](#)

The following lists the main changes from the previous version (B0813G)

- Added support for WPA2-PSK TKIP encryption in the WiFi configuration tab.
- Changed the description and spelling of error 14038-0007.

Original:

WiFi SETUP COMMUNICATION ERROR HAS OCCURED. PLEASE CHECK CONNECTION WITH WiPORT.

Updated:

WiFi SETUP COMMUNICATION ERROR HAS OCCURRED. PLEASE CHECK CONNECTION WITH WIRELESS MODULE.

B0813x MAIN FIRMWARE RELEASE NOTES

WM-Micro Compact Wrapper

3. Fixed a bug where the wrapper could display lift motor errors if wrapping was attempted immediately after exiting standby mode. This was resolved by increasing the startup wait time for the lift motor from 400ms to 3000ms.

Version B0813G

Release Date: January 2025

Use with SLP-5 **2.64** or later (strongly recommended for compatibility)

<u>Related Programs</u>	<u>P-1180B CPU</u>	<u>P-1180C CPU</u>
Main:	B0814G	B0814G
Scale Driver:	J0834 (J0835)	J0834 (J0835)
OS:	J1180	J1180
BOOT:	J1072C	J1072C
FPGA App.:	J1058C	J1163
Keyboard:	J0823B	J0823B
Scale:	J0776L or later	J0776L or later
Wrap App.:	J1183B (J1106C)	J1183B (J1106C)
Printer App:	B0821	B0821

NOTES:

- b) After downloading the Main App program download the Printer (EC), Wrapper (Pack Machine), and FPGA sub-app and sub-boot programs one at a time as needed. If the wrapper does not automatically reboot then power down the wrapper after each sub app download. Wait 30 seconds and switch on the power.



Caution

Memory initialization may be required when upgrading to this firmware version. Create a USB backup or use SLP-5 Maintenance Utility and SLP-5 to backup the wrapper before upgrading from firmware **C0813C** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu > Memory Clear) & **System Data Init.** (Setup menu > File Save/Load > Scale Init. tab). **[8.5.813.0]**

The following lists the main changes from the previous version (B0813F)

4. Added support for Continuous labels with an updated Printer sub-app B0821.
 - a. The following text and image types can be configured to expand to variable length to accommodate the PLU information.
 - 020: TXT VAR
 - 024: TXT CONTINUOUS
 - 025: TXT AUTO SMALL-CHAR
 - 026: TXT CONT. AUTO SMALL-CHAR
 - 050: IMAGE
 - b. A variable field must be configured in the label format at the WM-Micro: Setup menu → Label Format → select a format → Detail → select a field → Unit tab → scroll down to Variable → set as 1:On.
 - c. The label Gap sensor must be disabled when using Continuous labels: Adjust menu → Printer → Label Feed tab → Sensor Type = 0:None.

B0813x MAIN FIRMWARE RELEASE NOTES

WM-Micro Compact Wrapper

- d. The 0710 No Label For Printer message is still displayed when labels run out even though the Label Gap Sensor disabled.
 - e. Do not overlap any other field with a variable field in the label format.
 - f. The Ext. Format function of overlaying a label format on the main format cannot be used with Continuous labels.
 - g. Leave a blank space of at least 15mm below a variable length image field.
 - h. Label Feed length is 60mm (2.4 inch).
 - i. Maximum label length is 300mm (11.8 inch).
 - j. Continuous and Linerless labels cannot be used interchangeably.
 - k. An updated SLP-5 WM-Micro scale config file is available from Rice Lake to support the "Variable" setting for text and logo fields in label formats.
5. Changed the weighing stability count from 3 consecutive times to 15.
 6. Removed "Canada" from the Country list due to differences in Weights & Measures requirements.

Known Issue

- Sending changes made in Maintenance Utility → Scale Config to the WM-Micro causes "Error 12 Invalid Data". This is due to a mismatch in the value for Machine Type. All other settings are received by the wrapper. This error also occurs when loading a saved .CFG file and sending to the WM-Micro.

Version B0813F

Release Date: December 2024

Use with SLP-5 **2.64** or later (strongly recommended for compatibility)

<u>Related Programs</u>	<u>P-1180B CPU</u>	<u>P-1180C CPU</u>
Main:	B0814F	B0814F
Scale Driver:	J0834 (J0835)	J0834 (J0835)
OS:	J1180	J1180
BOOT:	J1072C	J1072C
FPGA App.:	J1058C	J1163
Keyboard:	J0823B	J0823B
Scale:	J0776L or later	J0776L or later
Wrap App.:	J1183B (J1106C)	J1183B (J1106C)
Printer App:	J1094E	J1094E

NOTES:

- a) After downloading the Main App program download the Printer (EC), Wrapper (Pack Machine), and FPGA sub-app and sub-boot programs one at a time as needed. If the wrapper does not automatically reboot then power down the wrapper after each sub app download. Wait 30 seconds and switch on the power.



Caution

Memory initialization may be required when upgrading to this firmware version. Create a USB backup or use SLP-5 Maintenance Utility and SLP-5 to backup the wrapper before upgrading from firmware **C0813C** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear**

B0813x MAIN FIRMWARE RELEASE NOTES

WM-Micro Compact Wrapper

(Adjust menu > Memory Clear) & **System Data Init.** (Setup menu > File Save/Load > Scale Init. tab). [8.5.813.0]

The following lists the main changes from the previous version (B0813E)

1. Fixed a bug where the PLU description printed on the sub-total label was incorrect.
2. Added support for an odd number of digits in the CODE128 barcode.
3. Added support for variable length fields via Application Identifiers (AI) in the EAN128 barcode.

Version B0813E

Release Date: July 2024

Use with SLP-5 **2.64** or later ([strongly recommended](#) for compatibility)

<u>Related Programs</u>	<u>P-1180B CPU</u>	<u>P-1180C CPU</u>
Main:	B0814E	B0814E
Scale Driver:	J0834 (J0835)	J0834 (J0835)
OS:	J1180	J1180
BOOT:	J1072C	J1072C
FPGA App.:	J1058C	J1163
Keyboard:	J0823B	J0823B
Scale:	J0776L or later	J0776L or later
Wrap App.:	J1183B (J1106C)	J1183B (J1106C)
Printer App:	J1094E	J1094E

NOTES:

- a) After downloading the Main App program download the Printer (EC), Wrapper (Pack Machine), and FPGA sub-app and sub-boot programs one at a time as needed. If the wrapper does not automatically reboot then power down the wrapper after each sub app download. Wait 30 seconds and switch on the power.



Caution

Memory initialization may be required when upgrading to this firmware version. Create a USB backup or use SLP-5 Maintenance Utility and SLP-5 to backup the wrapper before upgrading from firmware **C0813C** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu > Memory Clear) & **System Data Init.** (Setup menu > File Save/Load > Scale Init. tab). [8.5.813.0]

The following lists the main changes from the previous version (B0813D)

7. Added support for P-1180C CPU board. The correct program will automatically be selected based on the CPU version when the FPGA sub-app is downloaded.

B0813x MAIN FIRMWARE RELEASE NOTES

WM-Micro Compact Wrapper

8. Modifications to the Wrapper sub app J1183B.
 - a. Countermeasures for temperature fuse failure in film release arm solenoid.
 - b. Countermeasures for temperature fuse failure in cutter solenoid.
 - c. Limit the cycle of Unit Action.
 - d. Limit the min. wrapping cycle.
9. Changed the description of errors 494-0012/0014 to include additional information.

Original:

DOWNLOAD PROGRAM FOR WRAPPER.
YOU CAN ONLY WORK PRICING.

Updated:

DOWNLOAD THE LATEST WRAPPER APP.
FROM THE TAB OF SUB APP. IN DOWNLOAD MENU.
OR CHECK IF THE MACHINE TYPE IS CORRECT
ON MACHINE TYPE MENU TO RESOLVE THIS ERROR.
OTHERWISE, YOU CAN ONLY OPERATE PRICING.



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230 W. Coleman St. • Rice Lake, WI 54868 • USA
U.S. 800-472-6703 • Canada/Mexico 800-321-6703 • International 715-234-9171 • Europe +31 (0)26 472 1319

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