

C1830 CHINESE BIG5 (TRADITIONAL) FIRMWARE RELEASE NOTES

Uni-5 Series

Procedure to install new Uni-5 firmware. Refer to the *Uni-7 & Uni-5 Setup Manual* for complete information.

1. Copy the Uni-5 scale firmware folder "Soft" onto an empty USB memory stick.
 - The folder and files must not be zipped.
 - The "Soft" folder must be the only data on the USB memory stick.
2. With the Uni-5 powered OFF raise the left side access panel.
3. Insert the Memory Stick in to the USB port.
DO NOT REMOVE the USB Memory Stick during the firmware update procedure.
4. Power up the Uni-5, press **ENTER** at the Date/Time confirm screen.
Note: Power up may take several minutes depending on the firmware version.
5. The upper display bar will be red indicating boot up from a USB Memory Stick.
Note: The scale will also be in "European" mode.
6. A warning message "Data Composition Is Different. Please Initialize the Memory" (0114-0000) may be displayed if the current and new firmware versions differ greatly. If this message appears press **OK** and skip to step 8.
7. Press the **MODE** key to enter the Main menu.
8. Enter **495344** and press the PLU key to access hidden menu steps.
9. Press the **ADJUST** menu button.
10. Scroll down and select **DOWNLOAD** (page 2/3).
11. At the DOWNLOAD (MAIN) screen press the **MAIN (ALL CLR)** button and press **EXECUTE**.
12. Press **EXEC** to begin clearing the Uni-5 Flash ROM memory.
13. After the flash ROM is cleared, the Uni-5 will return to the DOWNLOAD (MAIN) screen.
14. Press the **USB>MAIN (PRG+IMG)** button.
15. Press the firmware version to be installed. It will be highlighted.
16. Press **EXECUTE**.
17. Screen 15034-0000 "DATABASE VERSION IS DIFFERENT" may be displayed. Press **EXEC** to continue.
18. Press **EXEC** to begin the firmware download.
19. The screen will show the firmware download progress.
Note: The download may take a few minutes to begin and up to 15 minutes to complete. Data transfer may be confirmed by the flashing light on the USB memory stick.
20. When message 15029-0000 is displayed the firmware download is complete -- power the scale off.
21. Remove the USB Memory Stick.

Version C1830 features & changes [24 July 2012]

Use with SLP-5 **2.30** or later (**strongly recommended** for compatibility)
Use with SLP-V **3.05g** or later (**strongly recommended** for compatibility)
[Firmware Database Structure Version: 2.17.0.0]



Caution

Memory initialization may be required when upgrading to this firmware version. Use SLP-5 Maintenance Utility / SLP-5 or SLP-V i-Support / SLP-V to backup the scale before upgrading. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear & System Data Init.** (Adjust menu, Memory Clear).

The following lists the main changes from the previous version.

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1. C1830 is based on standard Uni-5 firmware B0664F.
2. Added Chinese BIG5 (Traditional) character support.
Note: Chinese characters cannot be entered at the Uni-5. They must be entered using SLP-5 or SLP-V configured to support Chinese BIG5 and sent to the scale.
3. Enabled printing of Chinese BIG5 (Traditional) characters. Available font sizes are:
 - Large: 32x32 (0X0f)
 - Medium: 24x24 (0X0c)
 - Small: 16x16 (0x06)
4. Enabled PLU description display in ASCII (English) and Chinese BIG5.
 - a. The following display patterns are available.
 - Line1: ASCII Line2: ASCII
 - Line1: Chinese BIG5 Line2: Chinese BIG5
 - Line1: ASCII Line2: Chinese BIG5
 - Line1: Chinese BIG5 Line2: ASCII
 - b. English font size 30x15 (up to 17 characters per line) and font size 14x7 (18 or more characters per line) plus Chinese BIG5 font size 32x32 (up to 8 characters per line) and font size 32x16 (9 or more characters per line) are used for the item name display in operation mode.
 - c. When ASCII and Chinese BIG5 are mixed on one line, the Chinese BIG5 will not be shown.
5. Printing is also supported in the above patterns.
6. Added a LAN Connection setting to notify the operator if the last automatic Comm Check to the target PC did not receive a reply. A standard Ping command is used to verify the connection.
 - a. Setting is located at the Setup menu > Machine No. (Comms) > PC Comms tab > LAN Connect Check.
 - b. Options:
 - NO (default) – no check
 - YES – display an error each time a PLU is called if there was no connection
 - c. Error 9804-0000 SCALE IS OFFLINE, ETHERNET CABLE MAY NOT BE CONNECTED is displayed when any PLU is called if there was no response to the last automatic Comm Check.
 - d. The default time for the automatic Comm Check Period was reduced to 180 seconds.
 - e. The PC IP Address is the target address for the automatic Comm Check.

REFERENCE: Uni-5 Firmware Up to B0664F

Version B0664F features & changes [1 February 2012]

Use with SLP-5 **2.04** or later (strongly recommended for compatibility)
Use with SLP-V **3.05g** or later (strongly recommended for compatibility)
[Firmware Database Structure Version: 2.17.0.0]

*Firmware structure is compatible with the previous version. Memory clear is not necessary.

The following lists the main changes from the previous version (B0664E)

1. Modified the LABEL END error message to be more appropriate for the Uni-5 side load labels.

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Uni-5 Series

Version B0664E features & changes [23 June 2011]

Use with SLP-5 **2.04** or later (strongly recommended for compatibility)

Use with SLP-V **3.05g** or later (strongly recommended for compatibility)

[Firmware Database Structure Version: 2.17.0.0]

The following lists the main changes from the previous version.

1. B0664E is the initial release of Uni-5 firmware.
2. Uni-5 operation is based on the Uni-7.