

Calibration Update

May 1, 2024

DICKEY-JOHN GAC 2700-UGMA PRODUCT CALIBRATION DOWNLOAD

FORWARD

AMS'S Federal Grain Inspection Service (FGIS) offers product calibration files for loading to the DICKEY-john GAC 2500-UGMA Grain Moisture Analyzer.

NOTE: For technical assistance, please contact DICKEY-john technical support at 1-800-637-3302

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1. DOWNLOAD CALIBRATIONS FROM FGIS WEBSITE

To download calibrations to a USB memory device:

- a. Visit the FGIS Moisture website at:
<https://www.ams.usda.gov/services/fgis/standardization/moisture-equipment>.
- b. Insert USB memory device into computer's USB drive.
 - Remove all existing files from USB memory device.
- c. Scroll down to the "Official Moisture Calibrations" section and right click on "Download all official moisture calibration files for DICKEY-john GAC 2500-UGMA/GAC 2700-UGMA".

IMPORTANT: All official calibrations must be downloaded to the USB memory device.


- d. Select "Save Link As" and save the zip folder to the root directory of the USB memory device. (Some computers may display "Save Target As".)
- e. In Windows Explorer, double click on the directory named:
"Dj_UGMA_MonthYear.zip"
ex: Dj_UGMA_May2019.zip.
- f. Select all files in the directory (Edit/Select All).
- g. Copy all files (right click/copy).
- h. Paste in the root directory of the USB memory device (right click/ paste).

NOTE: Root directory (such as F:/) is the first directory that shows when opening a drive. If having issues locating the root directory, go to "Start/My Computer" and open the USB memory device. Proceed to step i.

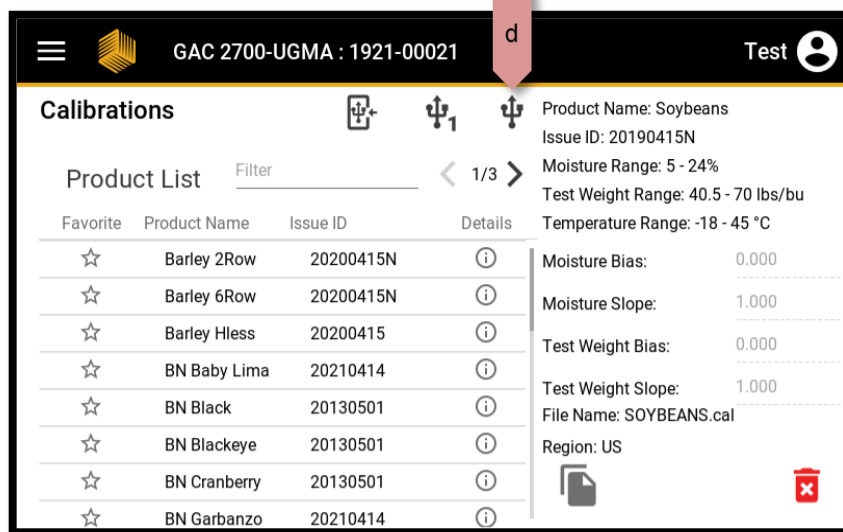
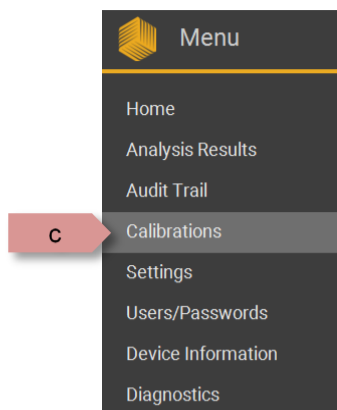
- i. Wait for files to finish copying and remove USB memory device.


2. LOAD CALIBRATIONS TO GAC® 2700-UGMA

IMPORTANT: Any custom calibrations on the instrument should be saved to a USB memory device before starting the installation.


- 1) Insert the USB device into the instrument.
- 2) From any screen, Press the  button in the upper left corner to Open the Navigation menu.
- 3) Press **Calibrations** in the navigation menu.

NAVIGATION FROM  SCREEN:

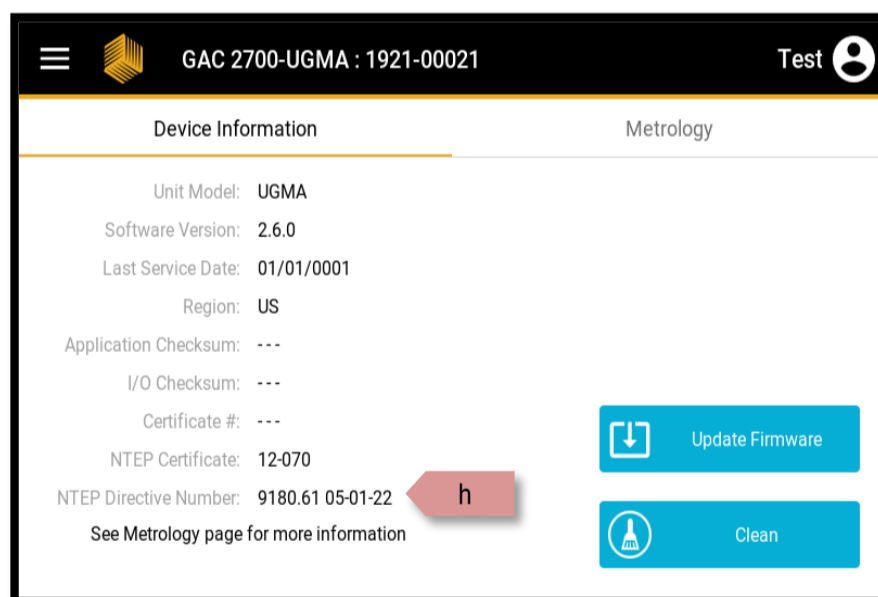
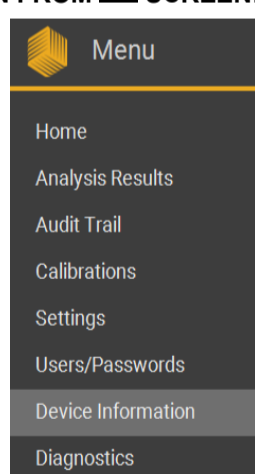


- 4) Press the  symbol at the top of the screen to begin loading the calibration bundle saved onto the USB memory stick.
- 5) Press **Yes** to begin installation of the new calibration files.

NOTE: Only calibrations files in the bundle will be overwritten and updated. All other calibration files will be unaffected.

- 6) Once calibrations are finished loading, remove the USB device from the instrument.
- 7) Press the  button to open the navigation menu. Press **Device Information** in navigation menu.
- 8) Verify that “05-01-24” displays as the date at the NTEP Directive Number at the bottom of the screen.

NAVIGATION FROM  SCREEN:



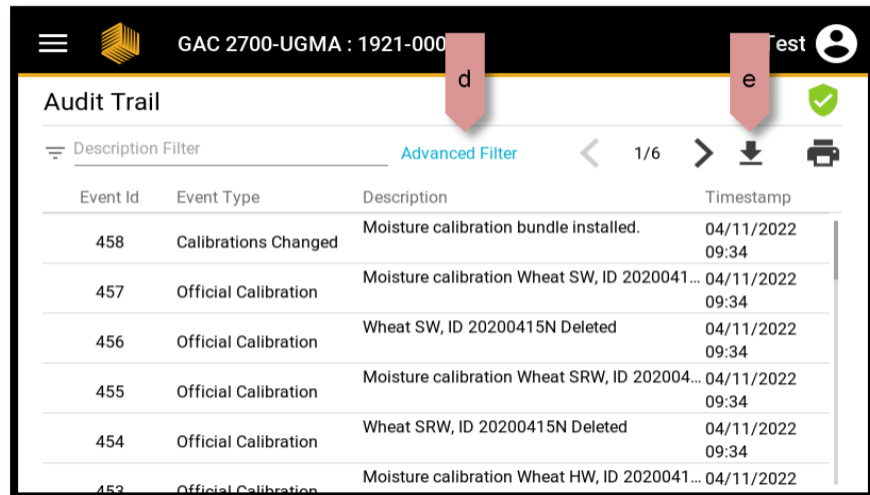
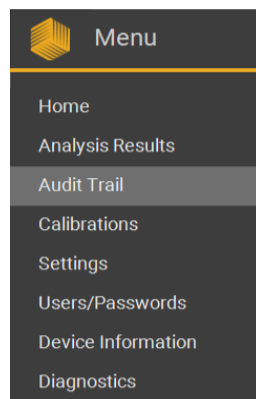
3. EXPORT LOG FILE/AUDIT TRAIL (OFFICIAL USERS ONLY)


After calibrations are loaded to the instrument, the log file/audit trail data must be saved to the USB memory device and retained at the central agency office to document that calibrations were installed successfully.

IMPORTANT: This final step is required for verification that calibrations loaded successfully.

- a. Insert USB memory device into the USB port.
- b. From any screen, press the ☰ button in the upper left corner to open the navigation menu.
- c. Press the **Audit Trail** in the navigation menu.

NAVIGATION FROM ☰ SCREEN:



- d. Press **Advanced Filter** then verify that the “Official Calibration” check box is checked.
- e. Press the **Save** button.
- f. Press  to download Events to USB memory stick.