# **Calibration Update**

### PerkinElmer AM5200-A system update instructions May 1, 2025 implementation

#### FORWARD

This instruction is a step-by-step direction for updating the AM5200-A moisture meter to the current Calibration Update for 05/01/2025.

## NOTE: If the unit does not have UI Software Version of 20160701.02, call (217) 717-1557 for further instructions.

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#### 1. PROCEDURE

- a) Plug a USB flash drive into your computer
  - 1) Make sure this USB flash drive does not have a folder called 'Perten' on it currently.
  - 2) If there is a folder called 'Perten', delete or rename the folder before continuing.
- b) Go to **www.ams.usda.gov/services/fgis/standardization/moisture-equipment** on your web browser
  - 1) Under the 'Official Moisture Calibrations' heading, right click the link where it says: 'Download all official moisture calibration files for Perten AM 5200-A'



- 2) Select 'Save Link as...' or 'Save Target as...'
- 3) When it asks for a location, select the USB flash drive you have plugged in.
- 4) Once the download is finished, on your computer, go to your USB stick and right click on the **perten.zip** file and Extract All.
- 5) Example Path:



- 6) In this 'Perten.zip' Press 'Extract all files'
- 7) When the next window pops up, press extract.

	🕞 🏦 Extract Compressed (Zipped) Folders	
Computer P	Select a Destination and Extract Files	
Organize - Autract all file	Files will be extracted to this folder:	
organize • Extract all mes	D\\Perten Brow	se
	Extract	K

- c) Delete the perten.zip file from the USB flash drive.
- d) Turn on the power switch of the AM5200-A if it is not already operating.



- e) Before installing new calibrations, a "restore point" should be set, which provides a backup in case the update process is interrupted. (Go to instrument.)
  - Set access right to "administrator" on the AM5200-A (Menu General settings - Login). Touch the word "default" to get an on-screen keyboard. Your administrator password is **142857** (unless you have changed it). Screen will show "Successfully logged in as Admin user". Press "close" button.



2) Select (Menu - General settings - Maintenance - System recovery - Set a restore point). The screen will show a list of system files being archived. When this is complete, the unit will restart.



f) Reset access right to "administrator" on the AM5200-A (see step e1 for step-bystep instruction). Connect the USB drive to either of the two ports on the back of the AM5200-A.

g) Import the new settings (Menu - down-arrow – Import/export - Import). It will take some time to process the update file (up to 2 minutes). When the process is done, the message "Imported successfully. Please reboot the system" will appear. (If this message does not appear, remove the USB drive, and start the process over from step c).

Soybeans  Corn	General Settings	Fimport/Export		Info
	Profile	Logbook	Export Predictions Data	Imported successfully.
Oats B Sorghum B	Products	System info	Export Raw Data	Please reboot the system
Rice Ruf LG Rice Ruf MG	Reports 7	3	Export Perten and Custom Data	SMX
Menu	Back Exit	Back Exit	Back Exit	Zunz

- h) Remove the USB drive, turn off the power switch for a few seconds, and then turn power on again.
- i) Confirm update: (Menu / down arrow / System info / down arrow buttons).

Select Product	02/01/2013 11:03 AM	Menu 02/01/201	13 11:03 AM	Menu 0	7/25/2014 1:39 PM	System Info	03/31/2017 12	2:12 PM
Soybeans 🛔	Corn 🔒 🔼	General Settings		Import/Export		Manufacturer	Perten Instruments AB	
Oats a	Sorahum	Profile		Logbook		Serial Number	1554020	
Gais	Products		System Info	$\leq$	UI Software Version	UI 20160701.02		
Rice Ruf LG	Rice Ruf MG	Reports	<b>Z</b>	2 mm	록 🔽	Controller Software Vers.	CC20131209 11	-
Menu avorite	es	Back Exit	~~~~	Back Exit		Back Exit	1	m

View the next page of system info (down-arrow again) to check Calibration Version 05-01-2025:

System Info	04/07/2025 10:38 AM		
Language version	20160701		
Kernel Version	PicoCOM4 V1.06		
Calibration Version	05-01-2025	]	
Samples Analyzed	45293		
Back Exit			

### 2. QUESTIONS

If you encounter any problems with this procedure, free phone assistance is available through PerkinElmer, 8 am to 5 pm Central time, Monday – Friday at (217) 717-1557.