

Agvance Grain Scale Interface Setup for the Perten AM 5100 Moisture Tester

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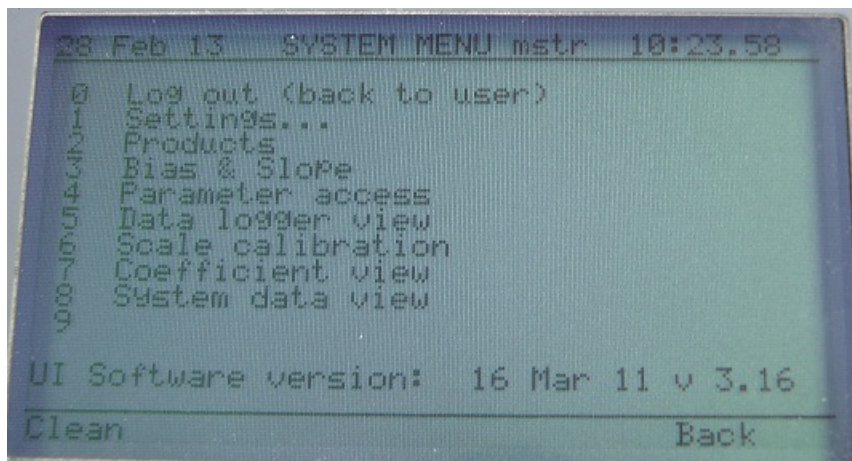
The Perten AM 5100 Moisture Tester has the ability to communicate with the Scale Ticket Interface through the PC's Com port. The Scale Interface will read in the moisture and test weight values from the Perten AM 5100 Moisture Tester

Moisture Tester Directly Into The PC

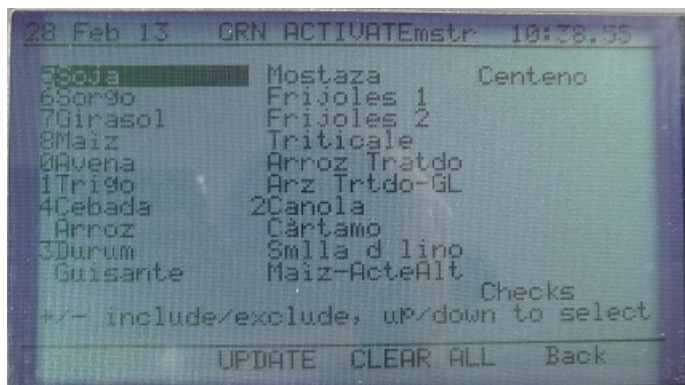
The Moisture Tester can be used directly with the PC by plugging a null modem connector into the back of the PC, then plugging a cable into the null modem and run to the serial to USB converter (one bought only from Perten). The other end of the converter plugs into a com port on the back of the moisture tester.

Perten AM 5100 Setup to Interface with Agvance Grain

From the Perten Main Menu, select *Products*.



Select the Commodities that will be tested.



Agvance Grain Scale Interface Setup for the Perten AM 5100 Moisture

Tester

The screenshot shows a 'Setup Moisture Tester' dialog box with two sections: 'Moisture Tester 1' and 'Moisture Tester 2'. Each section contains a 'Model' dropdown menu, followed by five dropdown menus for 'Port', 'Baud Rate', 'Parity', 'Data Bits', and 'Stop Bits'. Below these are two columns of text boxes for '<Moisture Grade Factor>' and '<Test Weight Grade Factor>'. The 'Moisture Tester 1' section has 'Perten AM 5100' selected for Model, 'None' for Port, '9600' for Baud Rate, 'None' for Parity, '7' for Data Bits, and '1' for Stop Bits. The '<Moisture Grade Factor>' column has 'Moist' in the first box, and the '<Test Weight Grade Factor>' column has 'TW' in the first box. The 'Moisture Tester 2' section has an empty Model dropdown, 'None' for Port, an empty Baud Rate dropdown, an empty Parity dropdown, an empty Data Bits dropdown, and an empty Stop Bits dropdown. The '<Moisture Grade Factor>' and '<Test Weight Grade Factor>' columns are empty. At the bottom right are 'Save' and 'Cancel' buttons.

- **Model** – Select the moisture tester model being used.
- **Com Port** – This is the PC Com Port that the cable from the Perten AM 5100 Moisture Tester is plugged into.
- **Baud Rate** – This is the communications speed and must match the baud rate of the Perten AM 5100 Moisture Tester.
- **Parity** – This is used when communicating with the Perten AM 5100 Moisture Tester and must match the setting of the Perten AM 5100 Moisture Tester.
- **Data Bits** – This is used when communicating with the Perten AM 5100 Moisture Tester and must match the setting of the Perten AM 5100 Moisture Tester.
- **Stop Bits** – This is used when communicating with the Perten AM 5100 Moisture Tester and must match the setting of the Perten AM 5100 Moisture Tester.
- **Moisture Grade Factor** – Double-click to select a moisture Grade Factor. This Grade Factor selected will be used for all Commodities.
- **Test Weight Grade Factor** – Double-click to select a test weight Grade Factor. This Grade Factor selected will be used for all Commodities.

Using the Perten AM 5100 Moisture Tester on the Scale Ticket

1. Check the *Enable Tester* checkbox.

Note: The *Enable Tester* checkbox is not available if the Moisture Tester setup is not complete.

2. When moisture results are returned on the Perten AM 5100 Moisture Tester, the **Capture Values** button becomes enabled on the Scale Ticket.
3. Select the **Capture Values** button to read the values into the grid.