Agvance Grain Scale Interface Setup for the Perten AM 5200-A Moisture Tester

Last Modified on 04/01/2025 3:58 pm CDT

The Perten AM 5200-A 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 5200-A 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 running 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 5200-A Setup to Interface with Agvance Grain

From the Perten Main Menu, select General settings.



Next, select Change access right.

General settings	
Local Settings	
Change access right	
Analysis options	
Maintenance	
Back Exit	

Tap in the Access right field.

Change access right		
Access right:	Default	
Key 1	210E	
Key 2	658	
Exit		Login

A key board will display to enter the Administrator password. The General Settings screen will then display.

Choose Local Settings.

Local settings will display and Admin will show in the top bar.

Local settings /	Admin	
Date format	mm/dd/yyyy	
Time format	am/pm	
System mode:	Normal	
Specific weight unit	lb/bu	
Back Exit		Save

Tap the **Down Arrow** in the bottom right to go to the next screen.

	Admin	
Temp unit	F	
Output Mode	Serial	
Volume	3	
Printer	9600	
Back Exit		Save

Ensure the Output Mode says Serial. If not, tap in the field until it says Serial.

The *Printer* option needs to match the baud rate in the Moisture Tester setting in Agvance. Select **Save** to finish the Perten AM 5200-A Moisture Tester setup.

Agvance Grain Scale Interface Setup for the Perten AM 5200-A Moisture Tester

🖶 Setup	Moisture	Tester								Х
Moisture	e Tester 1 -									
Model	Perten Al	/ 5200 A	~							
Port		Baud Rate		Parity		Data Bits		Stop Bits		
None	~	9600	\sim	None	\sim	7	\sim	1	\sim	
<moist< td=""><td>ture Grade</td><td>Factor></td><td></td><th><test g<="" th="" weight=""><td>Grad</td><td>e Factor></td><td></td><td></td><td></td><td></td></test></th></moist<>	ture Grade	Factor>		<test g<="" th="" weight=""><td>Grad</td><td>e Factor></td><td></td><td></td><td></td><td></td></test>	Grad	e Factor>				
Moist				TW]			
]			
]			
]			
]			
							1			
Moisture	e Tester 2-									
Model			\sim							
Port		Baud Rate		Parity		Data Bits		Stop Bits		
None	~		\sim		\sim		\sim		\sim	
<moist< td=""><td>ture Grade</td><td>Factor></td><td></td><th><test g<="" th="" weight=""><td>Grad</td><td>e Factor></td><td></td><td></td><td></td><td></td></test></th></moist<>	ture Grade	Factor>		<test g<="" th="" weight=""><td>Grad</td><td>e Factor></td><td></td><td></td><td></td><td></td></test>	Grad	e Factor>				
]			
]			
]			
							1			
			٦				1			
							1			
	port Comm	odity		Commodity	Cros	ss Ref.		0	1.0	Oraca I.
	port comm	ouny				\sim		Save		Cancel

- Model Select the moisture tester model being used.
- **Com Port** This is the PC Com Port that the cable from the Perten AM 5200-A Moisture Tester is plugged into.
- **Baud Rate** This is the communications speed and must match the baud rate of the Perten AM 5200-A Moisture Tester.
- **Parity** This is used when communicating with the Perten AM 5200-A Moisture Tester and must match the setting of the Perten AM 5200-A Moisture Tester.
- Data Bits This is used when communicating with the Perten AM 5200-A Moisture Tester and must match the setting of the Perten AM 5200-A Moisture Tester.
- **Stop Bits** This is used when communicating with the Perten AM 5200-A Moisture Tester and must match the setting of the Perten AM 5200-A Moisture Tester.
- Moisture Grade Factor Double-click to select a moisture Grade Factor. This Grade Factor will be used for all Commodities.

• Test Weight Grade Factor – Double-click to select a test weight Grade Factor. This Grade Factor will be used for all Commodities.

Using the Perten AM 5200-A 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 5200-A 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.