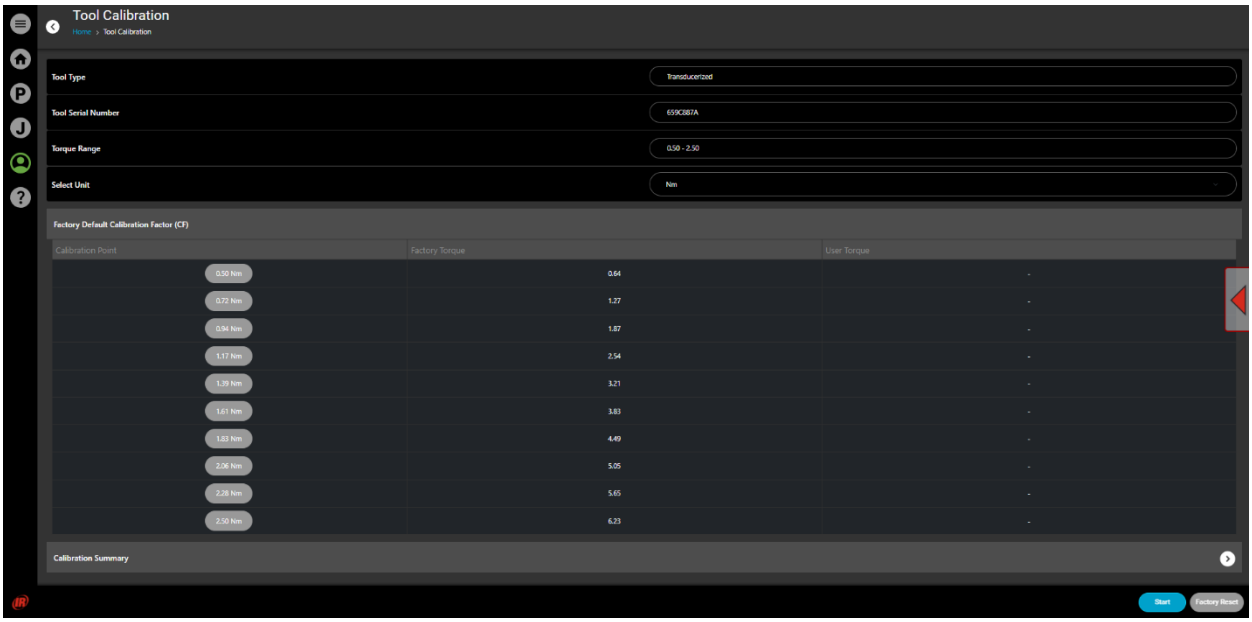
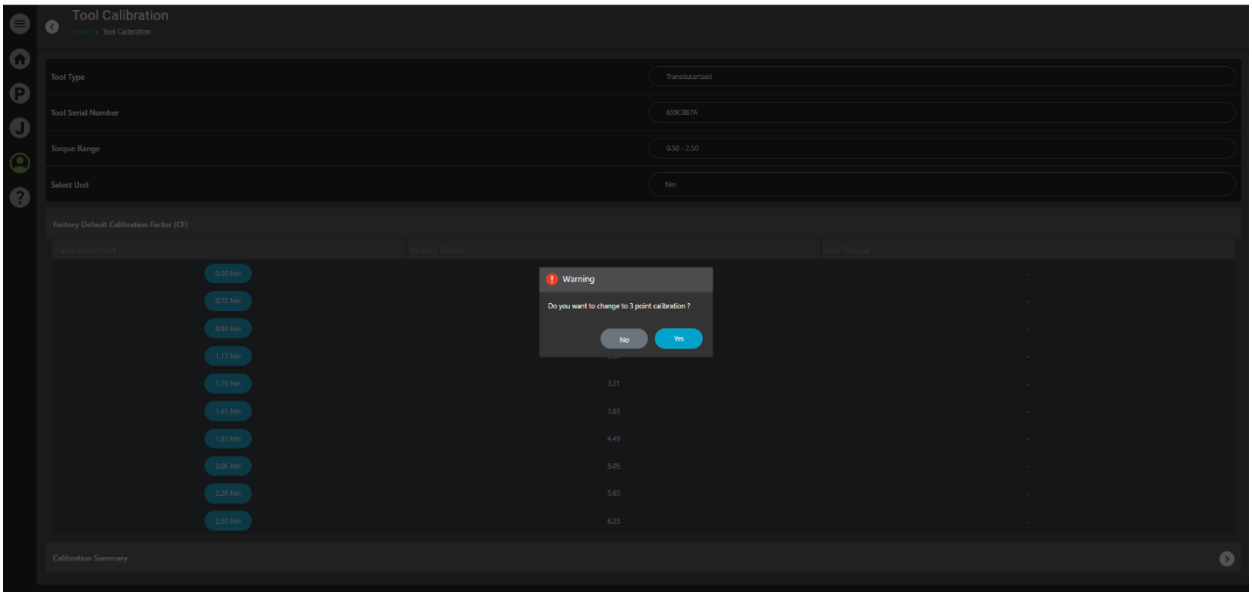
IQI Series Tool Calibration

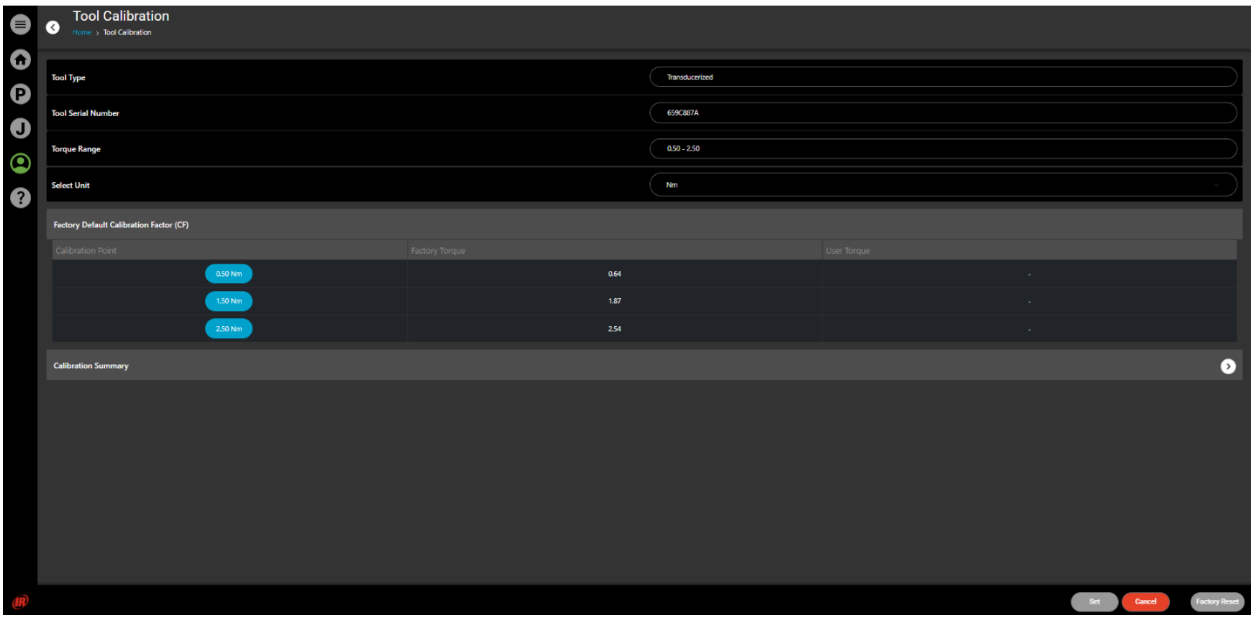
1. Go to System Maintenance->Tool Calibration.



2. Click on the Start Button.



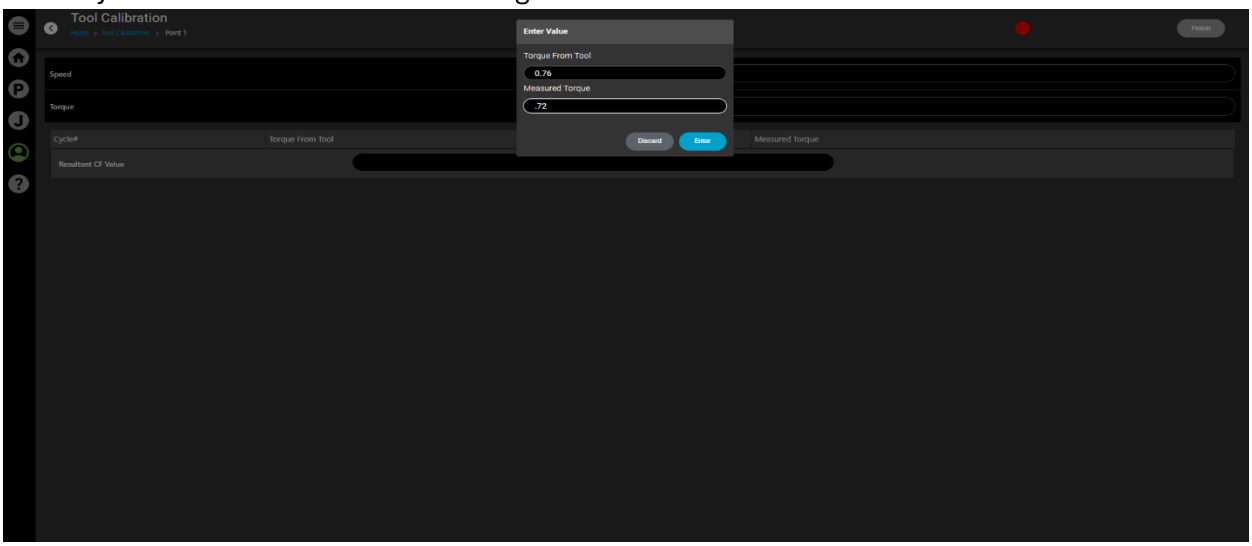
3. Click on the Yes button for 3-point calibration. Note: For Current Controlled tools it will be a 10-point calibration.



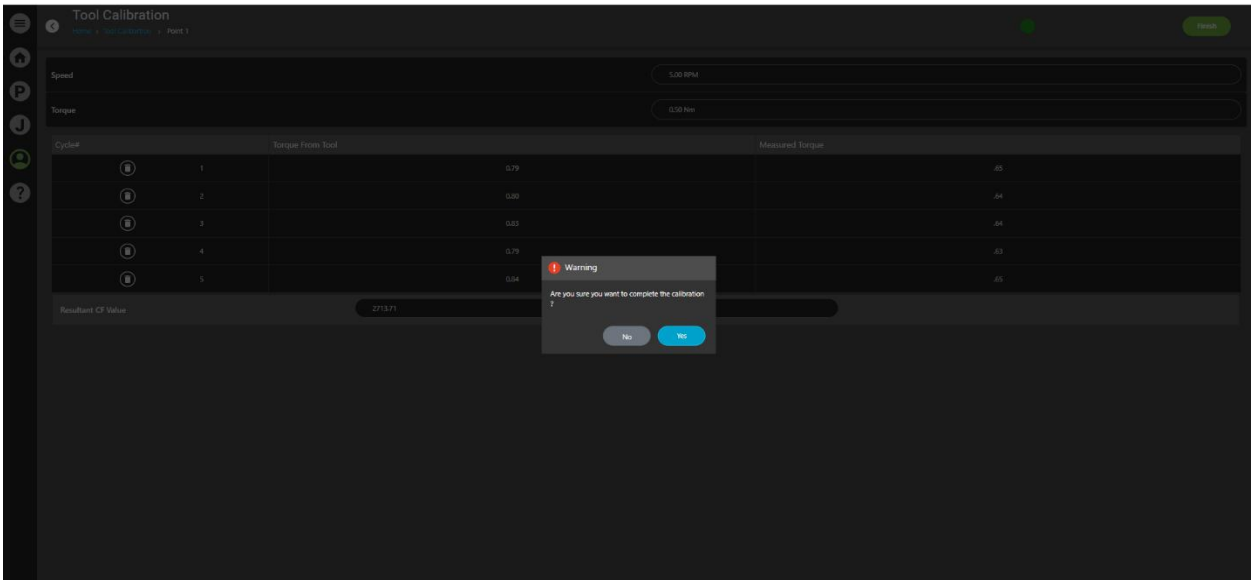
4. Click on 0.50 Nm.

5. Click the Start button.

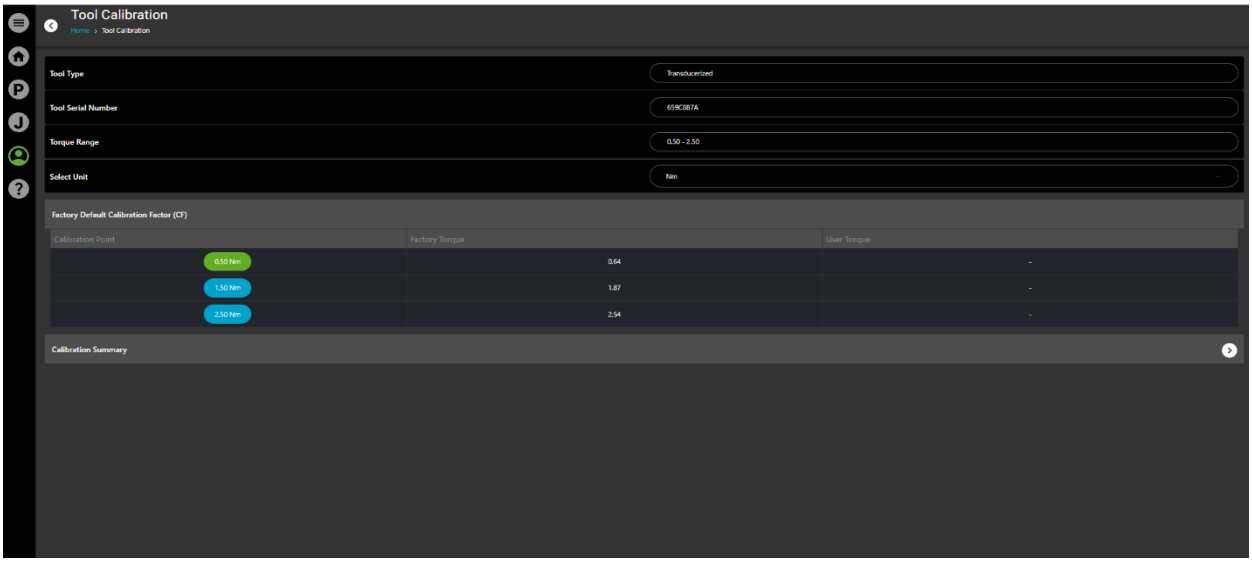
6. Run a cycle and enter the external reading.



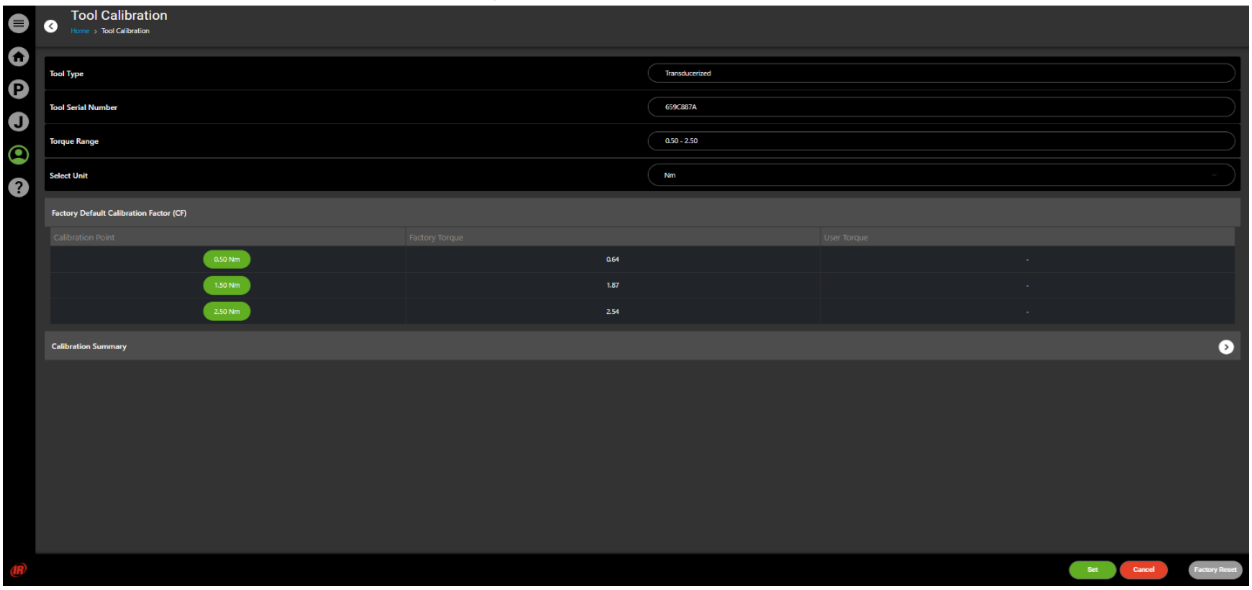
7. Select Enter to save the reading.
8. Run the desired number of cycles (minimum of 5) and select Finish.



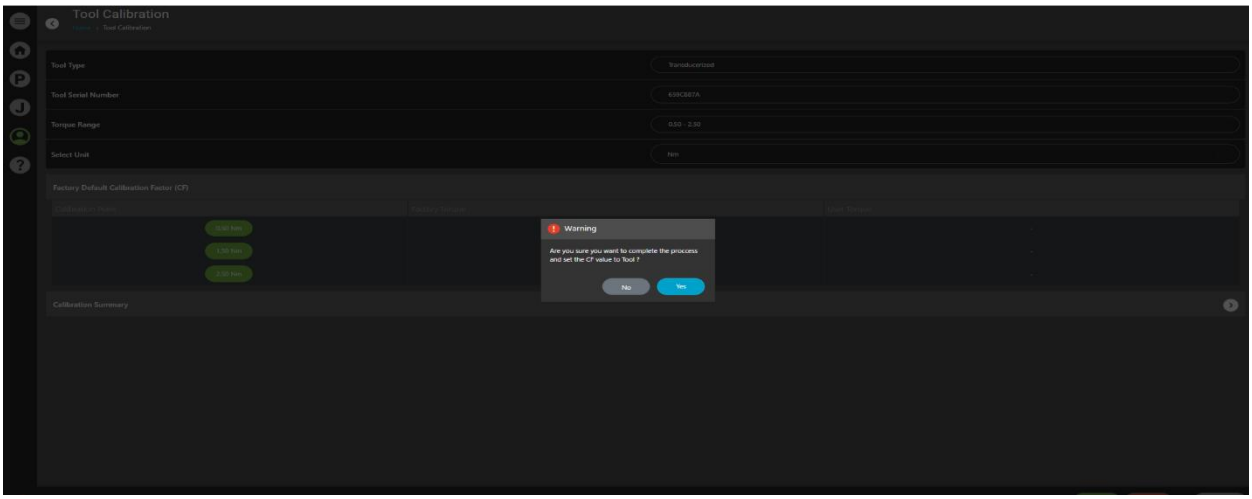
9. Select Yes.



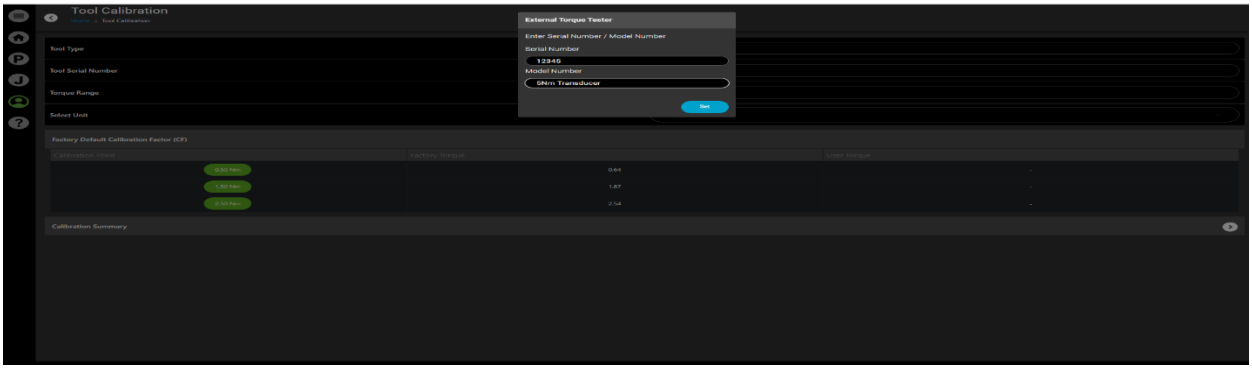
10. Do the same for the other 2 calibration points.



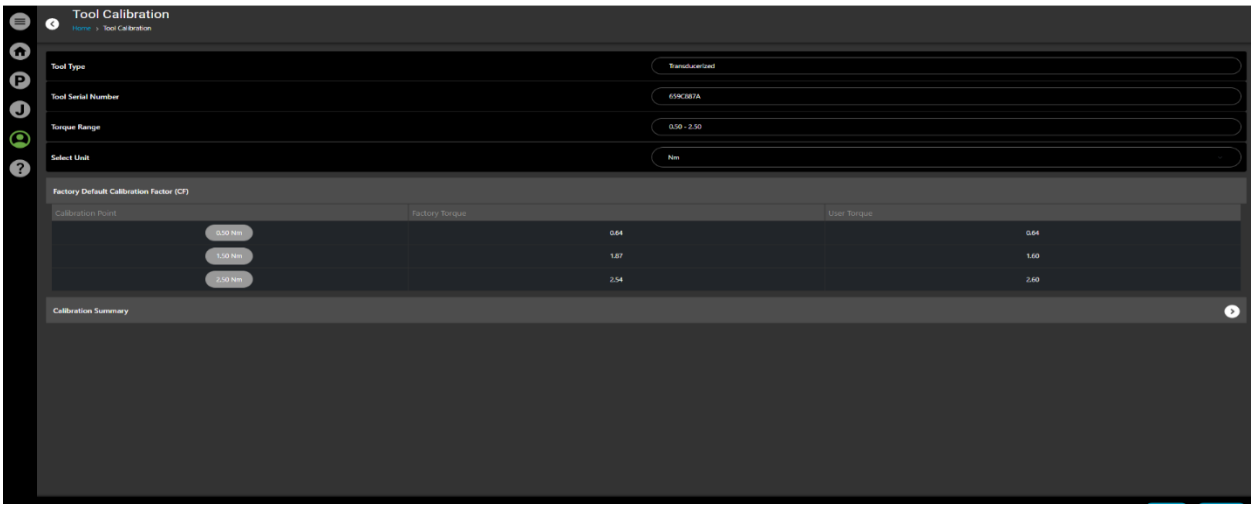
11. Select Set.



12. Select Yes.
13. Enter the External Transducer information.



14. Select Set.



15. Go to Calibration Summary to download the report.

Torque Calibration of IQI Tool

Tool Information

Tool Serial Number	659C887A
Tool Model Number	65
External Torque Tester Serial Number	12345
External Torque Tester Model Number	5Nm Transducer

Calibration Result

16/09/2025 10:13:01

Calibration Point - Point 1

Cycle Counter	From Tool	From External
1	0.79 Nm	0.65 Nm
2	0.80 Nm	0.64 Nm
3	0.83 Nm	0.64 Nm
4	0.79 Nm	0.63 Nm
5	0.84 Nm	0.65 Nm

Set Resultant CF Value: 2713.71

Calibration Point - Point 2

Cycle Counter	From Tool	From External
1	1.86 Nm	1.6 Nm
2	1.81 Nm	1.6 Nm
3	1.75 Nm	1.6 Nm
4	1.84 Nm	1.6 Nm

Cycle Counter	From Tool	From External
5	1.85 Nm	1.6 Nm

Set Resultant CF Value: 1199.88

Calibration Point - Point 3

Cycle Counter	From Tool	From External
1	2.88 Nm	2.6 Nm
2	2.82 Nm	2.6 Nm
3	2.88 Nm	2.6 Nm
4	2.94 Nm	2.6 Nm
5	2.92 Nm	2.6 Nm

Set Resultant CF Value: 809.69