



How to verify and if necessary reset a Sinar Model 6070 Moisture Analyser using a calibration sample

Important note: the calibration sample is an accurately measured sample of wheat supplied for the purposes of checking and re calibrating Sinar capacitance style instruments. The weight of the sample is crucial so please take great care not to lose any of the sample which will render the sample useless.

Calibration samples form the basis of all calibration work and check routines.

Calibration samples should be stored in an airtight container in a cool dark place once opened. If stored well the sample will typically have a shelf life of two to three months dependent upon use.

This information is intended for use with the Sinar 6070. If you own a different instrument, then please contact us for details.

Checking the instrument using a 180g sample:

1. Turn the instrument ON.
2. Using the loading hopper, pour the 180g calibration sample into the Sinar BeanPro. Remove the hopper.
3. Use the Up and Down keys to select "0 Reference" and press Test. After approximately six seconds the results are displayed.
4. The H2O Result should be within +/- 0.5% of the capacitance value stated on the sample packet. The g/l reading should be 670 g/l (+/- 7g/l). If either of the results are out of tolerance, then the instrument is out of calibration and you should proceed to the instructions for re calibrating the instrument which are detailed overleaf.
5. If the results are inconsistent, i.e. if with the 180g test sample the readings drift between tests by more than ± 3 g/l or more than 0.5% on the H2O reading then please contact Sinar Technology.

If the 'code 0' reading or the weight reading falls outside the tolerances stated, then the unit should be re-calibrated following the recalibration procedure overleaf.

