



Start-Up / Commissioning Process for **HumiCore™ Moisture Measurement System**

Monitor Technologies LLC / www.monitortech.com / customerservice@monitortech.com / 1-630-365-9403

Commissioning, or calibration, of the HumiCore™ system is done on site within the process; exposing the installed sensor to actual process conditions.

Commissioning, or calibration, involves only a few steps but each is important.

- Begin with a completely installed and fully operational HumiCore system.
- Operate the conveying system while exposing the HumiCore sensor to material that contains the minimum moisture. Record the HumiCore measurement value.
- Immediately acquire a sample of this material and make moisture measurement utilizing end user's established in-house moisture measuring process.
- By use of the included HumiCore PC software or controller, associate the HumiCore measurement value with the measured moisture content. This creates a calibration point.
- Operate the conveying system while exposing the HumiCore sensor to material that contains the maximum moisture. Record the HumiCore measurement value.
- Immediately acquire a sample of this material and make moisture measurement utilizing end user's established in-house moisture measuring process.
- By use of the included HumiCore PC software or controller associate the HumiCore measurement value with the measured moisture content. This creates a calibration point.
- In the event the moisture content is known to be non-linear between the min and max levels, additional intermediary (up to ten total) calibration points can be recorded by the HumiCore System. The more calibrations point the greater the HumiCore moisture measuring accuracy.

Factory assistance is available for sensor commissioning. A factory technician can be made available to assist as a consultant to provide on-site guidance through the commissioning process. This is an excellent source for proper calibration techniques and operator training.

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