

Salt

Moisture measurement & control

Having the correct moisture levels in salt has become a critical component during processing. Salt can easily become either too wet or dry wasting manufacturer's time and money. With the help of industry partners and 30 years of knowledge,

MoistTech has developed the [IR 838](#) Laboratory Moisture Sensor that is ideally suited to measure the moisture levels in the manufacturing process.



MoistTech's IR 838 Laboratory Moisture Sensor utilizes the principle of near infrared reflection (NIR). A sample of salt is poured into a stainless steel bowl that is placed inside the sensor for measurement. The measurement results are processed in 5 seconds and the sensor is ready for the next salt sample to be measured.

Benefits....

- improved product quality
- lower energy costs
- reduced start-up times
- less waste
- 100% product inspection

MoistTech is very experienced with the requirements in the production of salt. Our sensor calibrations, measurement wavelengths, algorithms and sensor optical requirements are pre-set at the factory. Typical accuracy is about $\pm 0.005\%$ moisture. Typical analog range is 0-2% moisture. The outputs can be adjusted to optimize PLC or recording requirements. For addition information or to discuss your application, please contact our headquarters.

MoistTech

5140 Commerce Avenue C/D

Moorpark, CA 93021 USA

Tel: 805-378-1160 Fax: 805-378-1163

info@MoistTech.com

www.MoistTech.com