



Moisture & Coating Measurement in Hot Melts

MoistTech manufactures the diamond standard in moisture and thickness measurement and control in the hot melt industry. With the ability to measure both moisture and thickness with one sensor, line operating personnel can make immediate real-time adjustments to avoid wasted product or increased energy costs.

MoistTech utilizes near-infrared (NIR) technology that allows for a non-contact solution to provide accurate moisture content readings. Insensitive to material variations such as particle size, material height & color, the sensors provide a continuous, reliable reading with zero drift and no maintenance. There is a one-time calibration with a non-drift optical design allowing operational personnel to make immediate line adjustments based on real-time measurements.

Hot melt adhesives are used for many application in manufacturing including to close corrugated fiberboard boxes, assemble parts, adhere toys, construct disposable diapers, coat label stock and more, the amount and thickness of the hot melt adhesive can be critical to the finished product since hot melt thickness doesn't change during solidifying like solvent-based adhesives.

MoistTech's equipment allow the measurement of both moisture and thickness with just one sensor.

INSTALL

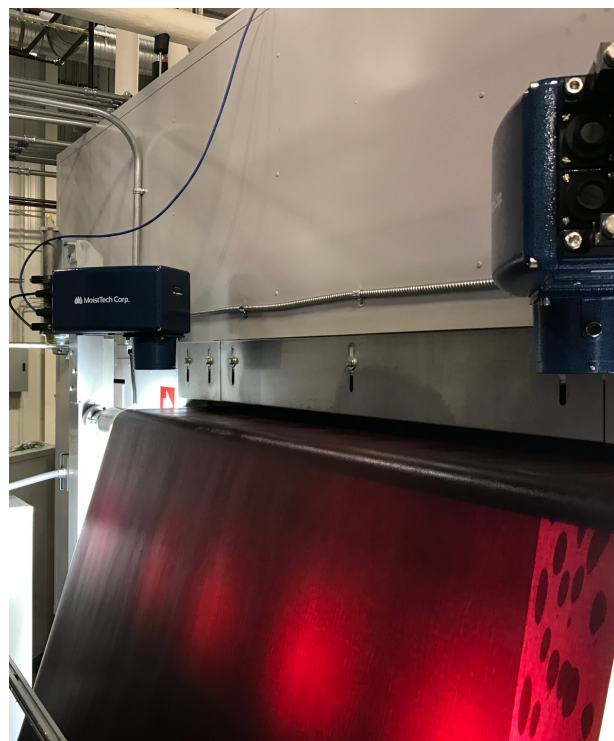
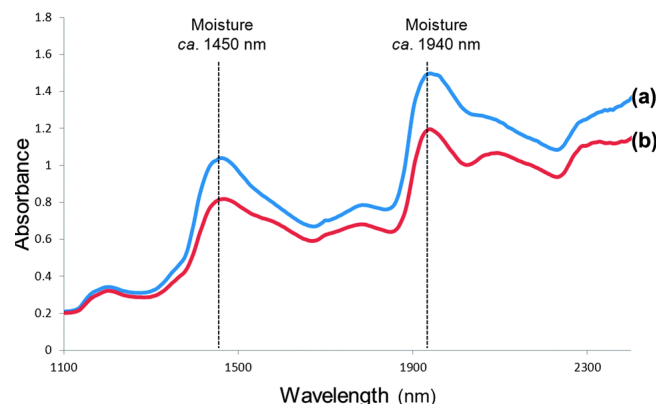
The on-line sensors can be installed into any hopper, silo, material line, belt or screw conveyor and the moisture results are displayed onto an external display or PC.

Installing a moisture measurement and control system prevents bad product due to undesirable moisture levels. Fine tuning the setup and process of the manufacturing line allows for instant improvements both in the product and in the efficiency in which it is produced.

IMMEDIATE BENEFITS:

- Improved Product Quality
- Lower Waste & Energy Costs
- Process Optimization
- Increased Plant Efficiency
- Dryer Control
- Reduced Downtime

An ideal moisture control system accurately detects the moisture levels at different stages of the process, is easily maintained and has the ability to withstand even the harshest of manufacturing conditions. The IR-3000 series of sensors manufactured by MoistTech are specifically designed to be unaffected by ambient light or material variations to be able to provide continuous, repeatable, accurate readings to improve the manufacturing line and product.



“The addition of the MoistTech IR3000 has provided me with the ability to control our process by instantly increasing or decreasing material flow into the dryer. Prior to the MoistTech technology proved to be a guessing game and time consuming!”