

Moisture measurement in grain and maize drying plants with LIEBHERR Litronic-FMS II.

Job-Report

Application:

- Moisture measurement of cereals and maize in drying plants
- Monitoring and controlling of production processes.
A precise determination of grain and maize moisture during drying processes is most important for the storage of the harvested material.
- Regulation of interval time between the discharges via algorithm.
- Implementation of the moisture value in control systems.

Selection / Solution:

- Looking for and fixing of a good installation place e.g.: dryer inlet and outlet.
- Selection of suitable LIEBHERR moisture measurement system FMS II with sensor(s), electronic module, software and accessories.
- Installation at measurement point with data recording.
- Parameterization with start-up direct at the plant.
- Data transfer of measurement values to control system.

Customer's benefit:

- Exact determination and monitoring of product moisture.
- Quality and process safety.
- Process monitoring, -controlling and analysis.
- Transparency by recording of all data.
- Fully automatic drying process.

Installation examples:



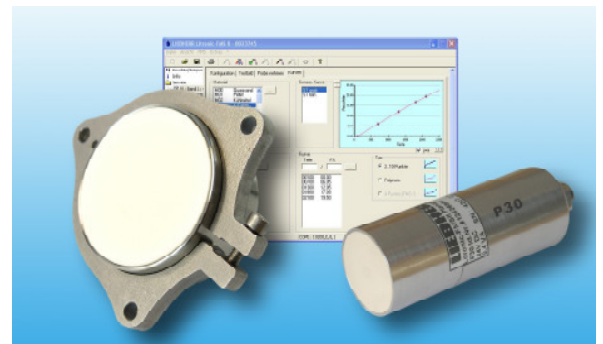
Sensor at dryer inlet and outlet



Measurement through plexi glass



Drying plant



Litronic-FMS II:
Sensor, electronic module and software.

Upon request we would be glad to send further information or references.