

moisturemeasuring

online down to the core



Moisture measuring systems

Industrial components

Special solutions

ACO
Automation
Components

materialmoisture

measuring and controlling



Each material has a certain moisture resulting from e.g. air humidity or by adding moisture in a process. The moisture content of materials is important for many process steps in any production. Problems can appear from storing or flow characteristics at bagging stations to manufacture handling. Also consistency, repeatability of the recipes and a stabile product quality depend from its water content.

ACO moisture measuring systems for determination of moisture content in all kinds of bulk goods are used wherever the moisture of the material influences the quality, handling and follow-up costs (dryer, water, energy, weight etc.).

*Only some samples of the measured materials: sand, quartz sand, chalk, gravel, ores, sewage sludge, grains, additives for concrete, sugar, rice, diary products, chemical products, gypsum, washing powder, silicates and many more. So **ACO** sensors create the optimum conditions for regulation and control of the moisture content directly in the product process of various applications.*

easy, safe, field-tested:

food industry

chemical industry

ceramic industry

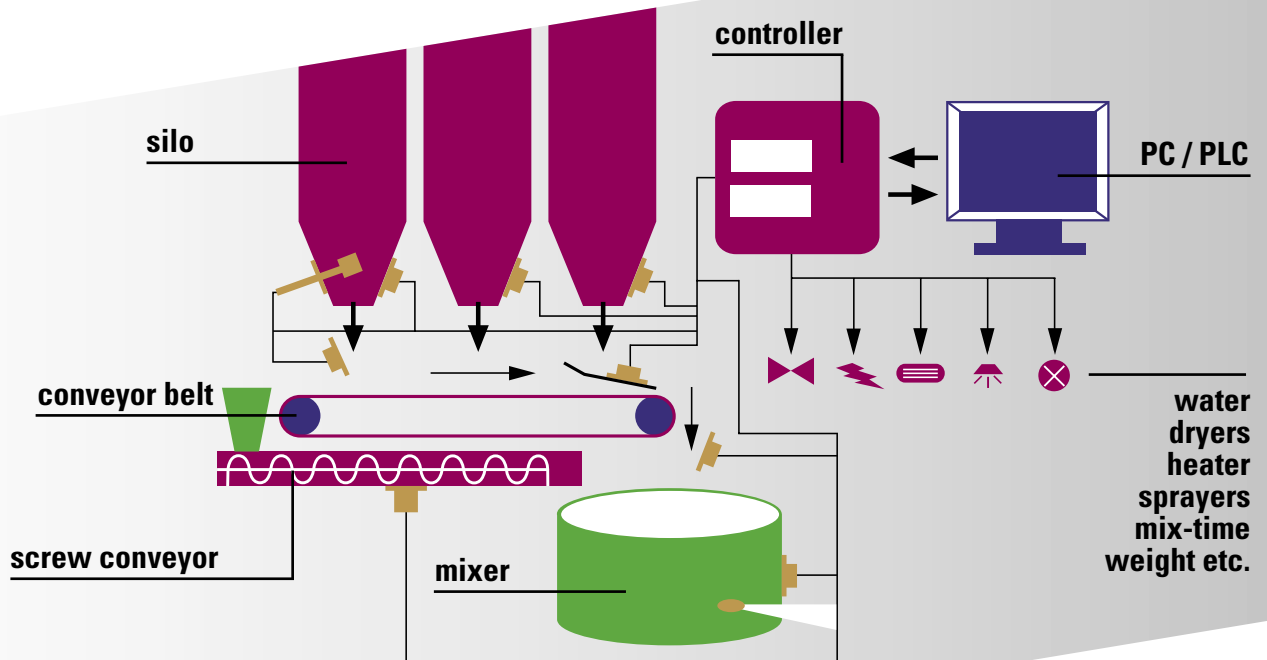
building material industry

mining industry

wood industry

process automation

control and optimise



Process automation
with **ACO** online moisture measuring.

For most production processes the exact determination of the material moisture is of highest importance. In **ACO** moisture measuring systems the material flows over a sensor surface (or vice versa) for measuring in real-time.

The measuring signal is instantly available and so processes can be monitored, controlled and optimised.

The golden heart of every
ACO moisture measuring system: the sensor.

The sensor can be connected to any existing or new control unit, PLC or PC with an input of 0-10 DC or 4-20 mA. Made from stainless steel it can withstand harshest conditions and can be integrated easily in any existing process plant.

The full compound of all **ACO** sensors guarantee high impact and water resistance and protection against vibrations or shocks. It provides best possible operational safety.

The sensor:

HFK high frequency capacitive

product moisture

measuring depth 150 mm max



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*We are
the experts for moisture measuring.*

*We offer
creative solutions for all branches.*

*We supply
tailor-made products of highest quality.*

*The best solution
is not enough for us!*

*Please find latest information on our website:
www.acoweb.de*

*Or just call us:
it's a pleasure for our staff to be at service for you.*

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ACO
Automation
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*Feuchtemesssysteme
und Industriekomponenten*

*Moisture measuring systems
and industrial components*