

Compliance with optimal process conditions

Moisture monitoring with M-Sens 2

Application

In the process of manufacturing corks, the cork wood is milled to undergo a series of compression and molding steps.

In order to make a useful compaction, one of the most important factors is the cork moisture.

If the moisture is outside the recommended range the mass will be poorly formed. With low material moisture the mass is easily undone and in case of high water content more clogs are caused in the process.



Process data

Customer:	Cork caps producer
Material:	Cork
Installation:	Mixer
Function:	Moisture monitoring



Solution

The M-Sens 2 is a continuous moisture meter based on microwave technology.

In the described application M-Sens 2 was used in the mixer to monitor the cork moisture during the mixing process. In case of changes of the moisture content the heat injection in the mixer is changed to ensure an ideal moisture during the mixture.

With moisture control, fast action can be taken to prevent non-specified materials from being processed, and consequently avoid time and material losses.



Customer benefit

- Control of the right moisture content for the cork processing
- Fast action to comply with optimal process conditions
- Reduction of downtime and material loss

SWR engineering Messtechnik GmbH · www.swr-engineering.com

Gutedelstr. 31 · 79418 Schliengen · Tel. +49(0)7635 8272 48-0 · Fax +49(0)7635 8272 48-48 · info.swr@envea.global

PART OF THE ENVEA GROUP