::: Application Flash

L-Vis 510: STARCH ADHESIVES

Inline measurement of the viscosity of starch adhesives in the paper and packaging industry

L-Vis 510 will continuously be in place in your production line obtaining viscosity and temperature values

Quality control and cost efficiency by measuring inline viscosity with L-Vis 510

Robust and accurate viscosity measurement under harsh process conditions is essential to ensure the final product quality of paper and packages when manufacturing and processing starch adhesives.

Only a stable viscosity over 24 hours guarantees consistent starch adhesive layering or dosing.

L-Vis 510 is an inline viscometer which is immersed directly in the production line. It displays the viscosity at the process temperature and reference temperature together with the current process temperature directly at the sensor.

Data management for your quality control with L-Vis 510

L-Vis 510 data management connects via analog/digital or fieldbus to your plant control (PLC). Processing these data the viscosity measurement with L-Vis 510 will help to optimize your process.

L-Vis 510 - in place for first-class quality!

A challenging task made easy by Anton Paar's unique, fluid dynamic inline viscometer, the L-Vis 510

- Robust and accurate measurement
- Inline measurement of the dynamic viscosity together with the temperature
- Calculating a reference viscosity at a reference temperature from the measured values
- Installed flexibly in a pipe, tank or bypass using standard or customized connection flanges





In place to ensure quality

24-hour monitoring of the starch adhesive's viscosity and temperature – in place to ensure top quality

Other Anton Paar instruments relevant for this application

Laboratory viscosity measurement

- RheolabQC
- MCR rheometer series



Do you have any questions?

Please contact Anton Paar directly: info@anton-paar.com