

In-line analysis and standardisation

Plant optimisation in the dairy industry by high precision In-line analysis instruments.

Dairy plants are getting more and more complex and at the same time the demands for fully flexible production schedules with rapid recipe changeover in the process equipment are constantly increasing.

New and improved technologies for In-line measurement and analysis of product components in real-time provides new opportunities for optimising on tolerances and production processes.

A good number of process applications taking advantage of the new generation of analysis instruments have been implemented by Au2mate, in Denmark as well as abroad.

The applications can be split into two different categories. One category can be classified as In-line standardisation, and the other category as batch standardisation with continuous correction measures.

In-line standardisation takes place by controlling flow rates and addition of ingredients (if any) to achieve a specified target on product specific parameters. This process can be applied in standardisation of fat, protein and total solids directly from e.g. a pasteuriser or a blending system feeding an evaporator.

In batch standardisation applications, a continuous summation / integration of the product components, e.g. fat, protein and milk solids, takes place to form a uniquely defined batch. This process can e.g. be applied for the standardisation of fat, protein and milk solids in a cheese milk tank.

Moving forward, Au2mate strive to be a proactive partner in the continuous optimisation of the dairies.

Contact

For more information on In-line analysis applications, please do not hesitate to contact us at www.au2mate.dk or by telephone +45 8720 5050.



YOUR PARTNER IN INDUSTRIAL IT AND AUTOMATION

Au2mate supplies total dairy automation solutions.

The automation includes all processes and features, ranging from receipt of raw material to delivery of the finished product. Systems control comprising: Instrumentation, PLC, SCADA, MES and Industry 4.0.

Productivity, quality and plant uptime is ensured by way of the total automation solution including training of the users at Au2mate Academy, as well as by a full service package with 24/7 service.

Au2mate services the dairy industry from offices in Denmark, Norway, Sweden, Dubai and England.



www.au2mate.com