

Case Study #84: Cheese Plant Testing

Highlights

- Quicker, easier multi-constituent testing
- Amazing reduction in sample testing time
- Better allocation of manpower
- Increased product recovery

Switch to Laboratory Analyzer Results in Better Use of Manpower

Situation:

A cheese manufacturer was testing product samples every 15 minutes. This required an operator running samples over to the lab and waiting while a lab technician ran individual tests for fat, protein and total solids.

After several minutes, the operator would receive results and return to the process to make the necessary corrections.

Improvement:

To eliminate this back-and-forth process, the state-of-the-art Q5L analyzer was introduced to the lab. This single machine was able to accomplish the cheese manufacturer's multi-constituent testing in as fast as five seconds. It also meant a great reduction

in lab equipment and sped up the testing process significantly.

Result:

The client's successful implementation of a calibrated Q5L laboratory analyzer allowed the lab technicians to quickly test multiple constituents including fat, protein, total solids and more. Because of this, the plant was able to realize an amazing reduction in sample testing time.

With Q5L lab analysis results coming back so quickly, the operator was able to spend less time waiting and the overall plant efficiency improved since operators could react to changing process conditions faster than ever. ESE helped the cheese manufacturer save precious

man hours and reduce product rejects at the same time.

So Fast. So Easy. So Reliable.

See why so many dairy processors are turning to ESE's engineering consultants to meet their automation needs ... and how the Q5L laboratory analyzer can impact your day-to-day operations and significantly improve your plant efficiency. Contact us today and learn how the revolutionary Q5L can work for you.

8/16/07



Optimizing the Process.
Maximizing Your Profits.

tel: 800-236-4778
web: www.ese1.com
email: Q5@ese1.com

ESE
Engineering Solutions Experts