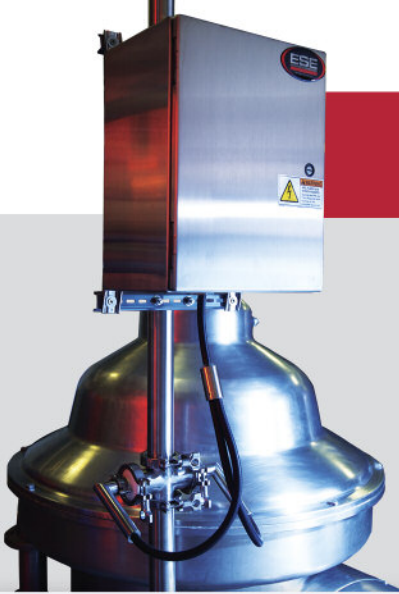


# The New Q<sub>5i</sub> In-Line Analyzer



## Highlights

- Amazing Speed
- Multi-Constituent Analysis
- Enhanced Functionality
- No Moving Parts
- Easy Sampling
- Quicker ROI

## Accurate Analysis Results in a Fraction of the Time

At ESE, our team of experts is committed to bringing you top-of-the-line solutions that will improve productivity through superior process automation - something that's key to maximizing your profits. Our newly enhanced Q<sub>5i</sub> in-line product analyzer is a perfect example of how we deliver. This industry-leading analyzer couples Near Infrared Transmission (NIRT) technology with ESE's own Process Optimizer software to bring you the most accurate testing results. It's also a cinch to set up and comes available with ethernet connectivity. Here are some more ways our carefully executed upgrade has made the Q<sub>5i</sub> better, bolder and faster than ever:

### Incredible Speed

– Q<sub>5i</sub> Exclusive

Forget measurements that can take up to a minute ... ESE's Q<sub>5i</sub> in-line product analyzer gives accurate results in as fast as five seconds. This major time savings lets you monitor and control a product while it's made, without waiting for lab sample results. It also allows the absolute fastest response to system upsets and the ability to dial in tighter set points to improve process control.

### Multi-Constituent Analysis

Not only is the Q<sub>5i</sub> your solution for analyzing all types of processed foods, it simultaneously measures up to ten constituents including fat, protein, total solids, moisture and lactose. And the list keeps growing as we're constantly discovering new applications.

### Unmatched Reliability

– Q<sub>5i</sub> Exclusive

Say goodbye to maintenance headaches. Our new version was engineered to use no moving parts which helps ensure the accuracy and repeatability of all your sample measurements.

### Improved Functionality

– Q<sub>5i</sub> Exclusive

With the Q<sub>5i</sub> in-line analyzer, you can measure all types of samples including liquids, solids, viscous slurries and powders. It utilizes a flow cell that's light and compact for easy installation. Standard and custom flow cells are available and most styles can be cleaned in-place (CIP).

### Easier Use and Set-Up

As always, ESE's Q<sub>5i</sub> analyzer is extremely user-friendly. And with ethernet connectivity available, sampling data is readily accessible to managers, operators and automated controls. Another plus: this in-line analyzer is easily integrated into your plant's process control system.

### Fast ROI

– Q<sub>5i</sub> Exclusive

The Q<sub>5i</sub> translates into quicker ROI for your company. Its speed and accuracy all for a huge variety of applications including short production runs and its incredible ability to maintain tighter set points saves raw materials and prevents off-spec product and costly rework.



**Optimizing the Process.**  
*Maximizing Your Profits.*

## The New Q<sub>5i</sub> Automation At Its Best

Since 1981, ESE has been providing superior process automation that integrates innovative analytical solutions into plants' control systems. The new Q<sub>5i</sub> product analyzer is a prime example of our commitment to this focus, as well as our team's unparalleled expertise. Contact us today to see how the Q<sub>5i</sub> can work for you.

# ESE

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