

## KROHNE, Inc.

### ALWAYS A GOOD SOLUTION.

KROHNE is a worldwide technological leader in the development, manufacture and distribution of accurate, reliable, cost-effective measuring instruments for the process industries. At KROHNE's website, you'll find the answers to all your measurement challenges. When it comes to process measurement, KROHNE's level of expertise is unique, not just in standard applications but also challenges that demand customized solutions.

### Unique product offering:

The innovative **Viscoline Rheometer** for continuous in-line measurement of process viscosity is extremely adaptable and can be used for a variety of Non-Newtonian applications, including yogurt, cheese, emulsions, cosmetics, shampoos, ketchup, sauces, paint, resins, oil, plaster, and many, many more.

The **OPTIQUAD** analysis system features continuous, non-contact measure-



ment of protein, fat, total solids and lactose in milk products, offering dairy and cheese making operators new ways to optimize their process and improve quality. The system is ideal for applications like controlling protein content in cheese making milk/vat milk, standardization of fat content in drinking milk, or setting a constant ratio of fat to protein in cheese production. A special version of the OPTIQUAD can also measure COD values in dairy effluent.

Regardless of your industry, KROHNE offers measuring and analytical devices for virtually any medium.

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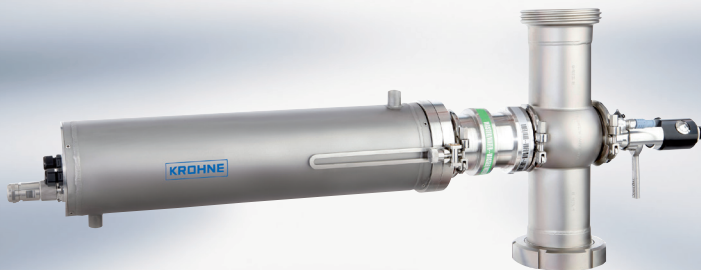
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**KROHNE**

▶ *achieve more*

### ▶ Analysis x 4

### ▶ OPTIQUAD provides accurate inline measurement of protein, fat, lactose and total solids.



For protein, fat, lactose and total solids

KROHNE is setting new standards with innovative solutions for measuring technologies. OPTIQUAD spectroscopic inline analyzer measures continuously with a fast cycle time of just a few seconds. The inline installation is non-intrusive and therefore completely hygienic. Up to four optical measurement methods are used, yielding more process analysis data than comparable single optical method devices.

The result is that OPTIQUAD delivers precise measurements which are comparable to those from reference laboratory results. OPTIQUAD's unique combination of auto calibration, continuous measurement, excellent long term stability, low operating costs and excellent price-performance ratio makes it the ideal instrument for use in process control loops or quality monitoring. Another version of OPTIQUAD can also measure COD values in the effluent of dairies to lower discharge fees. KROHNE – Dairy products are our world.

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