

Ultrasonic concentration analyzers for modern breweries

9100 Series

Ultrasonic Beer Analyzers



Introducing Series 9100

The 9100 series analyzers provide in-situ, drift free process information throughout the beer brewing process. Thanks to almost two decades of intensive research and experience in breweries, Rhosonics Analytical is capable of offering analyzers which meet the extremely high demands of modern beer brewing. Specific hybrid sensor technology has been developed to provide added functions, like the measurement of suspended solids, while improving stability in processes under non-ideal conditions. Already in 1993, Rhosonics was the first to introduce a Plato Analyzer, which could cope with suspended CO₂, and was able to maintain a stable concentration output even at varying temperatures. The 9100 Series Analyzers of Rhosonics Analytical, combine these advantages with modern sensor technology, to provide accurate, long lasting and drift free analysis of brewing products.

Model 9110 Wort Analyzer

Dedicated to measuring wort extract concentration only. The new non-linear regression provides accurate inline analysis regardless of temperature, in the complete range of up to 25 °P and above.

Main applications:

- Mash Tun
- Wort clearing
- Boiling wort
- Cold Wort

Model 9120 Beer Plato Analyzer

Dedicated for measuring the original gravity of beer, regardless of the type of beer

Main applications:

- High Gravity Beer blending
- Water pre- and after runs

Model 9170 Beer & Slurry

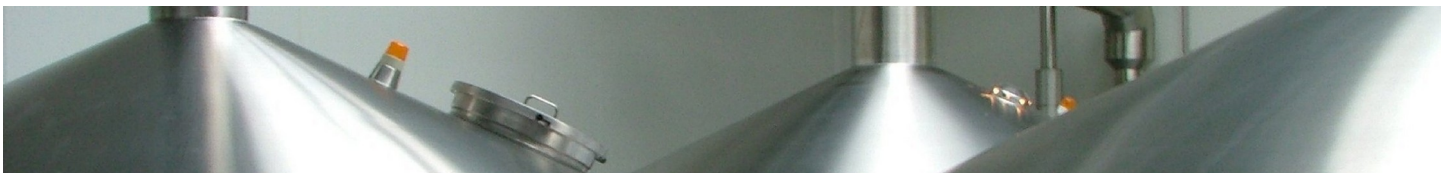
Measures the suspended solids in addition to wort Plato in beer. Provides an TSS, i.e. yeast percentage, ranging from 100 mg/l up to 400 g/l

Main applications:

- Yeast concentration in green beer
- Yeast slurry concentration

Model 9175 COD

Influent analyzer, providing inline COD analysis of waste water.



The Beer Plato Analyzer of the Future



The Solution Specialist

The mission of Rhosonics Analytical is to provide solutions for In-line concentration analysis of virtually all existing process liquids, including electrolytes, emulsions, suspensions and slurries.

For almost two decades, Rhosonics Analytical has been focusing on the development and employment of high-performance ultrasonic technologies for in-line liquid concentration analyzers and non-destructive testing of materials.

Our products

- In-line concentration analyzers for virtually all existing process liquids, including solutions, electrolytes, emulsions, suspensions, solids and slurries.
- Piezo composite transducers for Ultrasonic NDT (Non-Destructive Testing) for new inspection methods, including ToFD and Phased Array.

The Solution Specialist

Rhosonics Analytical is The Solution Specialist for the design, production and supply of ultrasonic in-line process analyzers for liquids and slurries in any industry world wide.



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