

Application fact sheet: **Caustic soda**

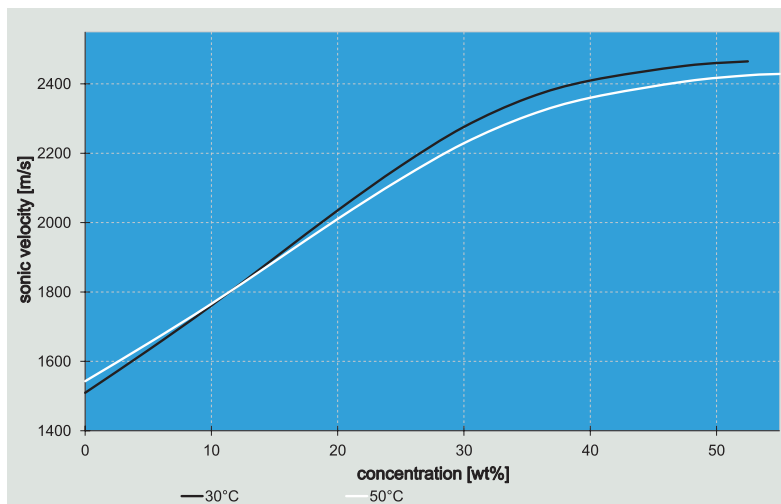
LiquiSonic® - inline, maintenance-free analyzers

SensoTech offers safe and accurate inline NaOH measurements to improve production and quality. Our LiquiSonic® analyzers are capable of measuring the entire range of caustic soda. SensoTech offers inline process solutions for numerous applications:

- chlorine-alkali electrolysis
- gas scrubbing in the chemical and petrochemical industry
 - Chlorine gas scrubber
 - Phosgene gas scrubber
 - Flue gas desulfurization
- incoming goods control
- etching and pickling baths
- raw material for fertilizer production
- basic chemical for various chemical products

Benefits

- increase of quality, production, cost savings, revenue
- continuous real-time monitoring of concentration and blending processes
- high accuracy, plug&play, maintenance-free, no moving parts
- automatic and high-precision temperature compensation
- corrosion-resistant materials like Hastelloy C-2000 or Tantalum
- up to four sensors connected to one LiquiSonic® 30 controller



LiquiSonic® - the powerful caustic soda analyzer

- high signal strength and high-precision measuring results
- online monitoring with long-time data storage
- easily be integrated into the process control system (Modbus, Profibus etc.)



Sonic Velocity

resolution: ± 0.01 m/s
reproducibility: ± 0.02 m/s
accuracy: ± 0.05 m/s

Temperature

resolution: 1 mK
reproducibility: ± 0.02 K
accuracy: ± 0.05 K

Application

accuracy: up to ± 0.05 wt%

Application highlights

- Emergency vent scrubber
- Phosgene gas scrubber
- Chlorine-alkali electrolysis
- Brine purification
- Fertilizer production
- Etching bath



LiquiSonic® analyzer

For more information contact us!

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