

AMI Soditrace

On-Line Analyzer for the Continuous Measurement of Sodium Ions in Trace Amounts in Steam and High Purity Water

- Lowest detection limit for sodium ion concentration: 0.001 ppb
- Automatic 3-point known addition calibration in ppb range
- Automatic regeneration of sodium electrode (patent pending)
- Automatic control of sample pH conditioning and temperature compensation
- Optional communication board Profibus DP / Modbus
- Factory tested and ready for installation and operation.



Sodium Measurement in the ppt-Range

Monitor AMI Soditrace
Data Sheet Nr. DenA2461X0X0



Sodium Measurement in the ppt-range



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Analytical System

- *Measuring range:*
0,001 ppb – 10 ppm
- *Accuracy:*
 ± 0.005 ppb or $\pm 10\%$ of reading
- *Reproducibility:*
 ± 0.001 ppb or $\pm 5\%$ of reading
- *Response Time:*
120 s (90%)

Continuous Monitoring of:

- *Undervoltage*
- *Reagent exhaustion*
- *Sample Flow*
- *Sample Temperature.*

AMI Electronic Unit

- *Rugged aluminium housing IP66*
- *Two freely scalable current signal outputs (0/4 - 20 mA), third one as an option*
- *Optional fieldbus communication board.*

Made in Switzerland



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ANALYTICAL INSTRUMENTS