

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.



Monitor AMI Soditrace
Data Sheet Nr. DenA2461X0X0

Sodium Measurement in the ppt-Range

Sodium Measurement in the ppt-Range



Monitor AMI Soditrace
Data Sheet Nr. DenA2461X0X0

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:

- 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.