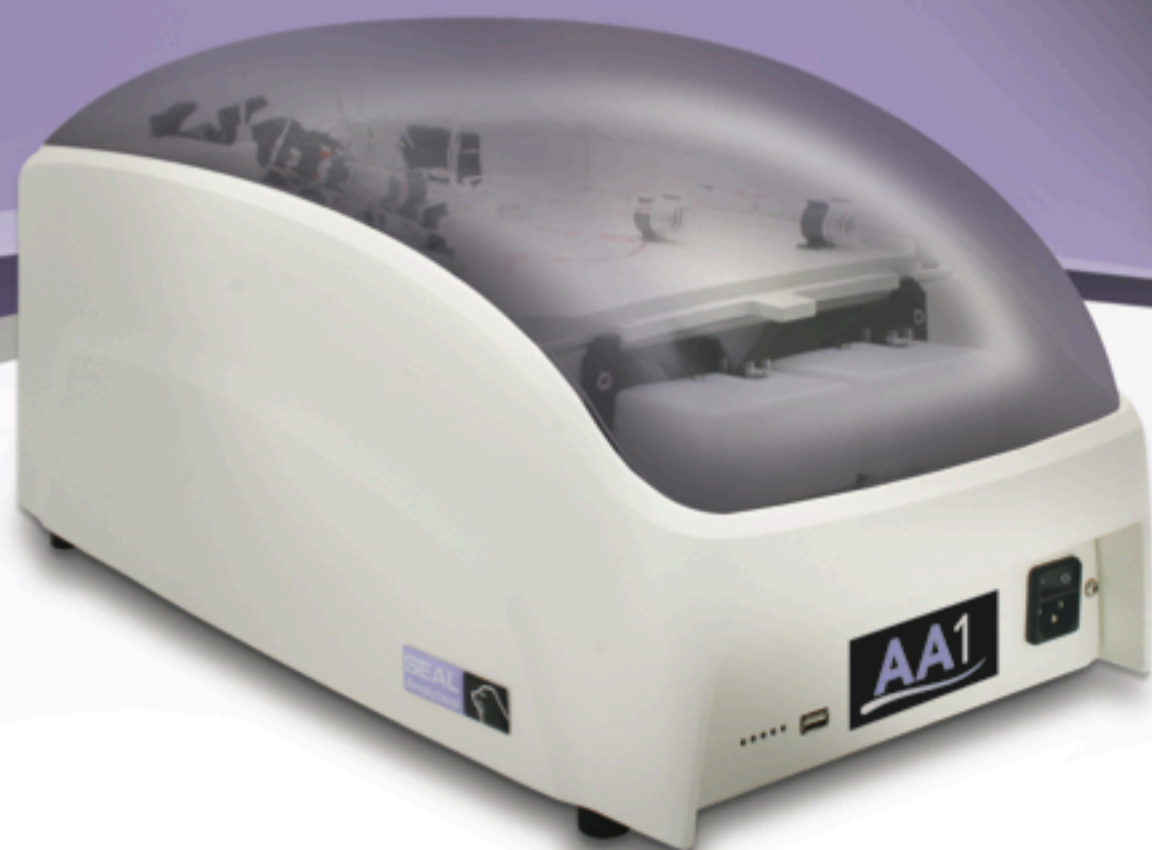


INTRODUCING THE

AA1



...THE LATEST SEGMENTED FLOW ANALYZER FROM SEAL ANALYTICAL

The AA1 is a compact, sleek system that is simple to use.

The dual channel AA1 is ideal for all types of nutrient analysis including all types of Nitrogen and Phosphorus species.

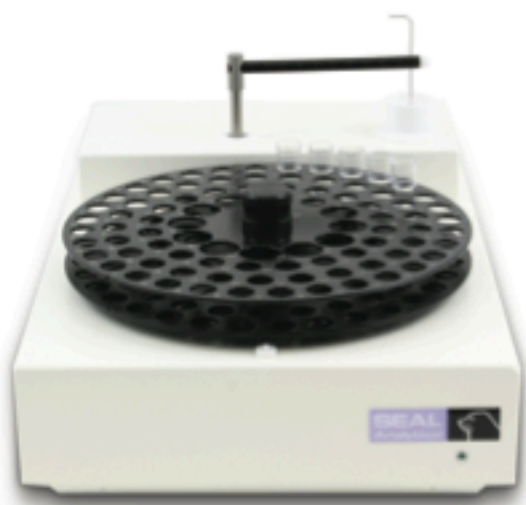
The AA1 adds another quality nutrient analyzer to the SEAL range of SFA and Discrete instrumentation. The introduction of the AA1, continues SEAL's reputation of high quality, reliability and commitment to new and innovative products.

How does the AutoAnalyzer1 work?

A basic SFA system consists of an autosampler, a peristaltic pump, a chemistry manifold, a detector and data acquisition software. Sample and reagents are pumped continuously through the chemistry manifold. Air bubbles are introduced at regular intervals forming unique reaction segments which are mixed using glass coils. Glass is ideal, as it is inert, stays clean and enables easy visual checks.

In SFA, all reactions run to completion. The ratio of sample to reagents in the detector reaches a constant maximum value — the steady-state condition. This ensures maximum sensitivity resulting in lowest detection limits and exceptional reproducibility.

- ▶ *The AA1 digital photometer provides high sensitivity, wide dynamic ranges and low detection limits. LED light sources are used.*
- ▶ *The AA1 carousel sampler is robust and simple to use.*
- ▶ *Instrument control and data acquisition is carried out through the intuitive, easy to use AACE lite software package.*



- ▶ *The AA1 is compact and light, fitting easily in any orientation on the bench.*



PLEASE VISIT

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or contact your local SEAL Analytical representative about your specific application.