Is a flexible analyzer that uses the principle of Discrete Analysis where each test occurs in a separate or discrete reaction vessel.

The AQ2+ employs a robust robotic sampling arm working in conjunction with a stepper motor-driven syringe. The syringe is used for aspirating, dispensing and mixing accurate and precise quantities of sample and reagent into miniaturized test tubes, called reaction wells.

The sample and reagents are incubated in the reaction wells for a pre-programmed time. A single aliquot is then transferred into the stop/flow Optical Quality Glass Cuvette. The absorbance of the reaction is read in our stationary optical bench to assure the best possible signal to noise ratio.

SEAL AQ2 - Automated Discrete Analyzer Features:

- Glass Cuvette
  - 100% Optical Quality Glass Cuvette used for precise absorbance measurement
  - Robust Detection System utilizes a stationary measurement cell
  - 10 mm optimum path length
- AQ2 Disposable Reagent Wedge
  - Reagent Wedges
  - Reagent wedges with on-board cooling
  - Use only 20ul - 400 ul reagent per test
  - Built in Reagent Level Sensor - verifies reagent volume
  - Reagent expiration date tracked through software
- Reagent Wells
  - Low Cost Disposable Reaction Wells Reaction Wells
  - Low cost, disposable wells used for each discrete reaction
  - Constant heating and programmable reaction time ensure reaction reaches completion
- Cadmium Coil
  - Integrated automated cadmium coil reduction for nitrate/nitrite determination
  - In situ coil regeneration is full automated through the software
- Flexible Software
  - Highly flexible software - designed with user input
  - QCProTM Data Quality Assurance System
  - User specifies QC types, limits and corrective actions upon QC failure