




# Advantages of the new upgrades:

## AA3 VS AA2

*More performance, easier to use, faster*



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## Overview:

*Over 10,000 Model AA2 Technicon analyzers have been sold worldwide*

*They have been rugged workhorses.*

*Upgrading has the following advantages:*

1. Can take advantage of budgets which do not allow complete replacement
2. Can replace only modules which are defective
3. Can use current chemistry and parts
4. Can use same software on new and old instruments

## Features of the new AA3

*Following the footsteps of the most reliable wet chemistry analyzer ever made*

### **Preliminary**

*All modules can be used as upgrades on existing AA2*

**XY2 Auto sampler features (replaces Sampler 4) \$9600.00**

- Random access allows more locations for samples & reuse same locations for standards, QC etc...
- Wash rinse ratio is now variable
- Controlled by the software
- Dual probe available
- Larger sample rack
- Requirement: New AA3 Colorimeter and AAce Software

### **Pump Features \$10,500**

- Fast speed for priming the system
- Automatic shutoff available at the end of run
- Leak detector available
- Electronic Air Bar improves precision of results
- Controlled by the Software if AA3 colorimeter is used

### **Colorimeter features**

1 Channel	\$7700.00
2 Channel	\$12000.00

- Wider dynamic range 4 ABS units vs. 1 for AA3
- Software removes bubble for faster runs ( up to 60/hour) and lower detection limits



## Other Unique features of the AA3

### Segmented Flow

- The AA3 uses Macro bore segmented flow technology which is the first and field proven technology.
- It is the easiest and most robust compared to micro bore or FIA since it is least likely to get plugged and offers the most amount of sample to the detector
- Recent advances in improving speed have brought the speed up to speeds of Micro bore or FIA.
- The Seal AA3 is consistently the instrument of choice for seawater applications and low phenol applications and flexibility

### SEAL/ B&L tubing

- Many companies have emerged that sell pump tubing often using the same part numbers as our chemistry methods.
- Only SEAL/B&L tubing is manufactured by Saint-Gobain meets the requirements of the methods.
- Other companies tubing often has erroneous outside diameters and the tygon content is different resulting in poor wetting conditions
- For superior performance use SEAL/B&L Tubing

### Multitest cartridges:

- Multitest cartridges allow users to switch up to 18 different chemistries on the same manifold without changing plumbing.

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This saves cost both in time and manifolds and makes the instrument very flexible.

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