Agilent

Errata Notice
This document contains references to "Advanced Analytical" or "AATI." Please note that Advanced Analytical was purchased by Agilent in June 2018. For more information, contact Agilent via:
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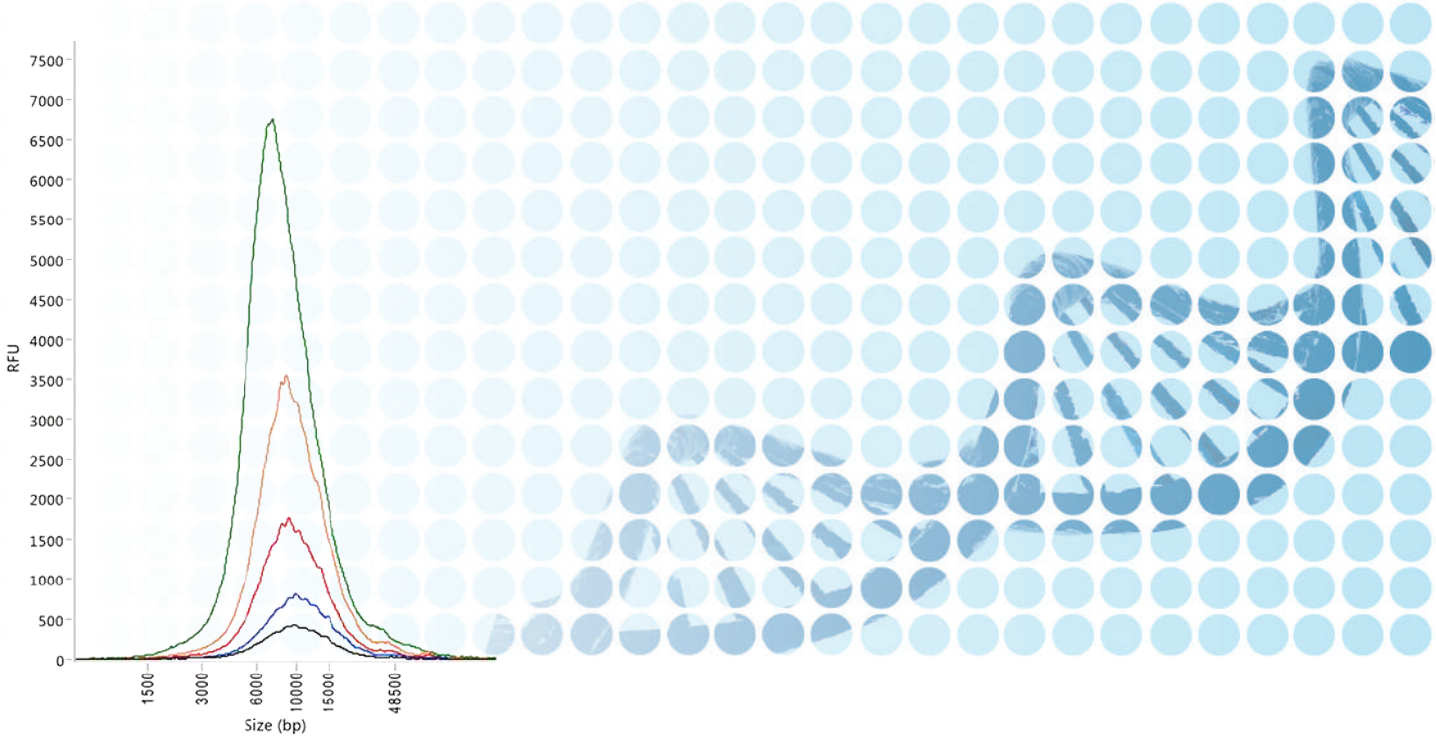
Automated Parallel Capillary Electrophoresis Systems



Fragment Analyzer
Automated CE System

The **Fragment Analyzer Automated CE System** breaks through analytic bottlenecks and streamlines nucleic acid analysis workflows, providing researchers with the results they need, when they need them. Analyze as few as 12 samples to as many as 288 for stunning 3 bp resolution without researcher intervention. Minimal sample concentration requirements enables researchers to conserve precious samples for further analysis. From small academic settings to large genomics facilities, the **Fragment Analyzer** adapts to the workflow of any lab.

Researchers around the world have made the **Fragment Analyzer** the go-to instrument for sample QC because of it's many benefits, including:

- Flexibility of interchangeable arrays allowing for adjustable throughput to fit the changing needs of any lab.
- Accessibility through the ability to load up to three 96-well plates and process in any order
- Versatility to house two different gel matrices to analyze different sample types unattended

Quantify and qualify a wide range of DNA & RNA samples

gDNA | CRISPR screening | Single-cell NGS libraries
TILLiNG | PCR amplicons | SSR/microsatellite analysis
Large fragment DNA | cfDNA | NGS libraries for all platforms
Restriction digest products | Total RNA | Small RNA | microRNA

Fragment Analyzer *INFINITY*
Automated CE System

The **Fragment Analyzer *INFINITY* Automated CE System** takes the automation of the Fragment Analyzer to a whole new level. Capable of full integration with most robotic systems using a tested Application Program Interface (API), the **Fragment Analyzer *INFINITY*** can analyze thousands of DNA and RNA samples per day.

FEMTO *Pulse*

Automated Pulsed-Field CE Instrument

The **FEMTO *Pulse* Automated Pulsed-Field CE Instrument** provides researchers with a powerful and effective pulsed-field capillary electrophoresis system. Easily achieving 10 times higher sensitivity for nucleic acid smears and up to 100 times higher sensitivity for nucleic acid fragments.

- Quickly and accurately quantify, qualify, and size DNA fragments through 200 Kb
- Detect DNA fragments down to 5 fg/µL (in-well concentration)
- Easily replaces overnight PFGE without compromising separation resolution or quantification, all in about 1 hour
- Conserve sample for downstream applications
- Separate and quantify a single cell's worth of genomic DNA or Total RNA

***Analyze low concentration and/or large size nucleic acid samples with the FEMTO* Pulse**

gDNA | cfDNA | Large fragment DNA | Small RNA
Messenger RNA | Total RNA | NGS Libraries | DNA fragments

ZAG

DNA Analyzer

The **ZAG DNA Analyzer** is essential for facilities that must screen thousands of DNA fragments per day, relieving analytic bottlenecks with an easy-to-use protocol and intuitive analysis software. Perfect for microsatellite detection, PCR fragment analysis, and the separation of restriction enzyme digest products, the **ZAG** is the ideal instrument for high-throughput facilities focused on the qualitative analysis of DNA fragments.

- Holds nine, 96-sample well trays at one time
- Advanced sample flagging
- Batch processing
- Separate over 4,600 samples in 24 hours

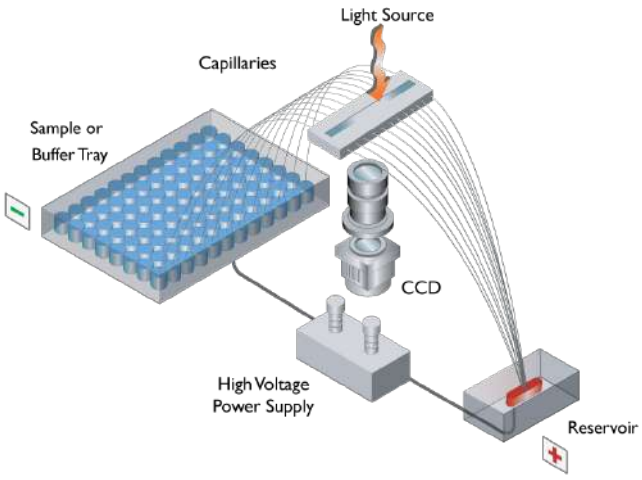
OLIGO PRO II

Automated Oligonucleotide Analyzer

Reliable oligonucleotide quality control analysis ensures optimal performance in downstream applications, from PCR to ladder assembly. The ***OLIGO* PRO II Automated Oligonucleotide Analyzer** provides comprehensive analysis of ssDNA and ssRNA samples.

- No intercalating dyes or probes
- Intuitive purity analysis with n-1 resolution through 60-mers
- Adaptable throughput allows separation of 12, 24, or 96 samples
- Automated operation enables analysis of up to 288 samples

Parallel Capillary Arrays



Advanced Analytical's patented parallel capillary array technology speeds up the qualification and quantification of nucleic acids. This technology, used throughout our line of automated analysis systems, provides accurate results that are not only reliable, but reproducible.

Each system offers a choice of array options, allowing researchers to decide if they need fast separations or high resolution, as well as how many samples to run simultaneously. No matter what downstream application you are planning or the throughput of your lab, **Advanced Analytical Technologies, Inc.** offers a QC system to fit your needs.

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