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:
www.agilent.com/chem/contactus

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Fragment Analyzer *INFINITY*

Automated CE System

Seamless, Continuous Analysis

The **Fragment Analyzer *INFINITY*** is the foremost instrument for automating the sizing, quality, and quantity analysis of nucleic acids. Designed on the robust and reliable Fragment Analyzer Automated CE System, all of the **Fragment Analyzer *INFINITY***'s drawers can interface with a robotic arm for truly continuous operation.

With integrated software packages for both operation and analysis, the **Fragment Analyzer *INFINITY*** allows users to remotely control electrophoresis runs and have result files generated and formatted to specific user criteria.

Designed to interface with a robotic arm for unattended sample analysis, the **Fragment Analyzer *INFINITY*** uses an internal stage (as shown in the instrument cut out below) to control the drawer movements. With the ability to remotely operate every drawer including the buffer and waste drawers, samples can be run around the clock with no intervention, a huge step forward compared to existing platforms for analysis of DNA and RNA.

Controlled through a detailed and rigorously tested API (Application Program Interface), the **Fragment Analyzer *INFINITY*** is fully configured for seamless and continuous operation. The API controls the movement of the buffer, waste, and sample drawers. The electrophoresis methods are activated through either TCP/Ethernet or serial port connections. Customized API commands can be coded to adapt to any work environment. Auto-data processing can be activated, if desired, for large-scale assessment post-electrophoresis. Additionally, sample names can be added through LIMS integrated sample data files.

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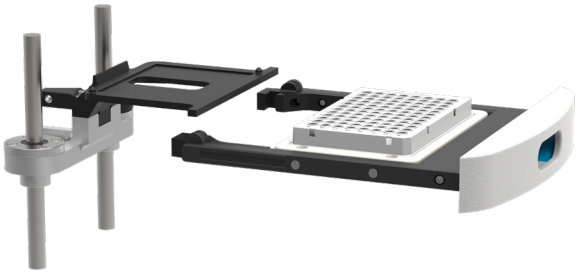

The **Fragment Analyzer *INFINITY* Automated CE System** uses all the high quality reagent kits and capillary arrays that are available for the Fragment Analyzer Automated CE System. These performance and QC tested components cover the widest separation range of any instrument on the market. Quantitative kits for analyzing NGS libraries, large fragment smears, genomic DNA, RNA, and small RNA are available. Additionally, qualitative kits for analyzing PCR amplicons, SSRs/microsatellites, CRISPR generated mutations, or digested DNA are available.

Features and Benefits

All Drawers Can Be Controlled by an API

More samples can be run with less down time since the buffer and waste drawers can be emptied on demand by an external robot.

Batch Processing Results With *PROSize*

Post-electrophoresis data from runs can be automatically analyzed and reports generated in a user-defined format.

Over 20 Qualitative or Quantitative Kits

All Fragment Analyzer Reagent Kits can be used on the **Fragment Analyzer *INFINITY,*** making it the most versatile automated instrument in its class.

Adaptable to Almost Any Robotic Arm

Universal commands from the API enable interaction with virtually any robotic arm and coded to work in any environment.

Application Program Interface (API)

Controls the **Fragment Analyzer *INFINITY*** movements while providing notifications of status updates and system needs.

Run Samples Around the Clock

With all drawers controllable, over 2,400 samples can be run every day without intervention.

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