

Thermo Fisher Scientific introduces latest in Capillary Electrophoresis

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S C I E N T I F I C

Thermo Fisher Scientific, the world leader in serving science, launched a new capillary electrophoresis (CE) system designed to offer a low-throughput, cartridge-based system for Sanger sequencing and fragment analysis.

For use with oncology research, genome editing, species identification, and human cell line authentication among other common applications, the Applied Biosystems SeqStudio Genetic Analyzer supports the growing need for an affordable and easy-to-use CE platform.

The new SeqStudio Genetic Analyzer utilizes a unique all-in-one cartridge that combines the capillary array, polymer reservoir and anode buffer, which vastly simplifies preparation and hands-on processing time.

Other innovative features of the system allow customers to access individualized protocols, an intuitive touchscreen and connectivity to the Thermo Fisher Cloud for remote setup and monitoring as well as easy data analysis and collaboration.

The SeqStudio instrument has a small footprint, with an onboard computer and integrated touchscreen that makes run setup quick, intuitive and flexible. The system allows sequencing and fragment analysis runs on the same plate without the need to change any consumables. This opens new opportunities for streamlining analyses – for example, combining a locus screening test with a copy number variability test on the same CE plate.