

CAN

DO

The SeqStudio Flex Genetic Analyzer delivers reliable performance plus the freedom to work how you want to

applied biosystems

Do everything you need to do— plus all the things you wish you could

From publishing breakthrough science to propelling development of novel therapeutics and vaccines, the Applied Biosystems™ SeqStudio™ Flex Genetic Analyzer provides the flexibility, ease of use, connectivity, and serviceability you need to reach your goals faster.

Want to have flexibility in sample number, application, and run schedule?

You can.

Want to have an instrument so intuitive that anyone can use it?

You can.

Want to walk away from runs without worry?

You can.





applied biosystems | **HITACHI**
by Thermo Fisher Scientific

SeqStudio 8 Flex
Genetic Analyzer

SeqStudioFlex
Welcome, Customer

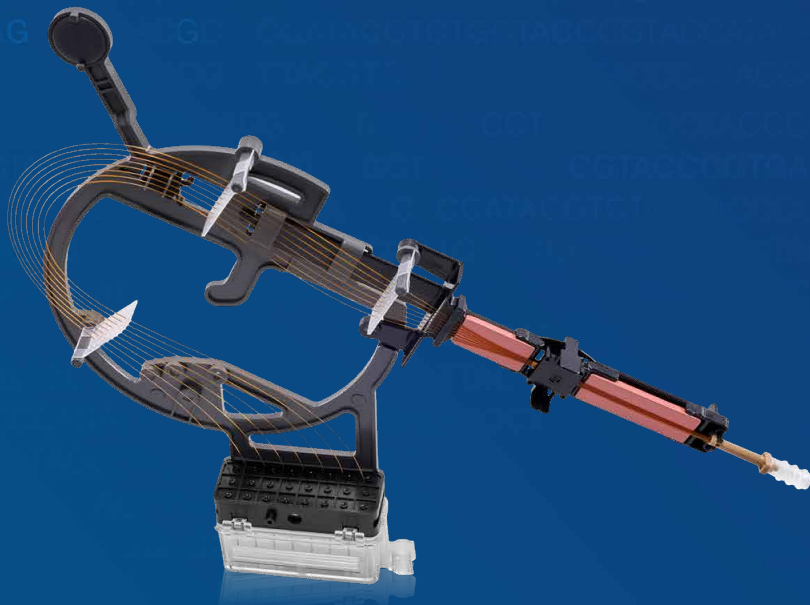
A Link a plate file	B Link a plate file	C Link a plate file	D Available
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Actions Drawer unlocked Run queue

11:37 AM

Gain extra time to focus on what matters to you

The SeqStudio Flex Genetic Analyzer, available in both 8- and 24-capillary configurations, is the only mid-throughput genetic analyzer for Sanger sequencing and fragment analysis to deliver the high-quality data and reliable performance that scientists need, with design enhancements and advanced communications for improved flexibility, ease of use, connectivity, and serviceability.



Flexibility

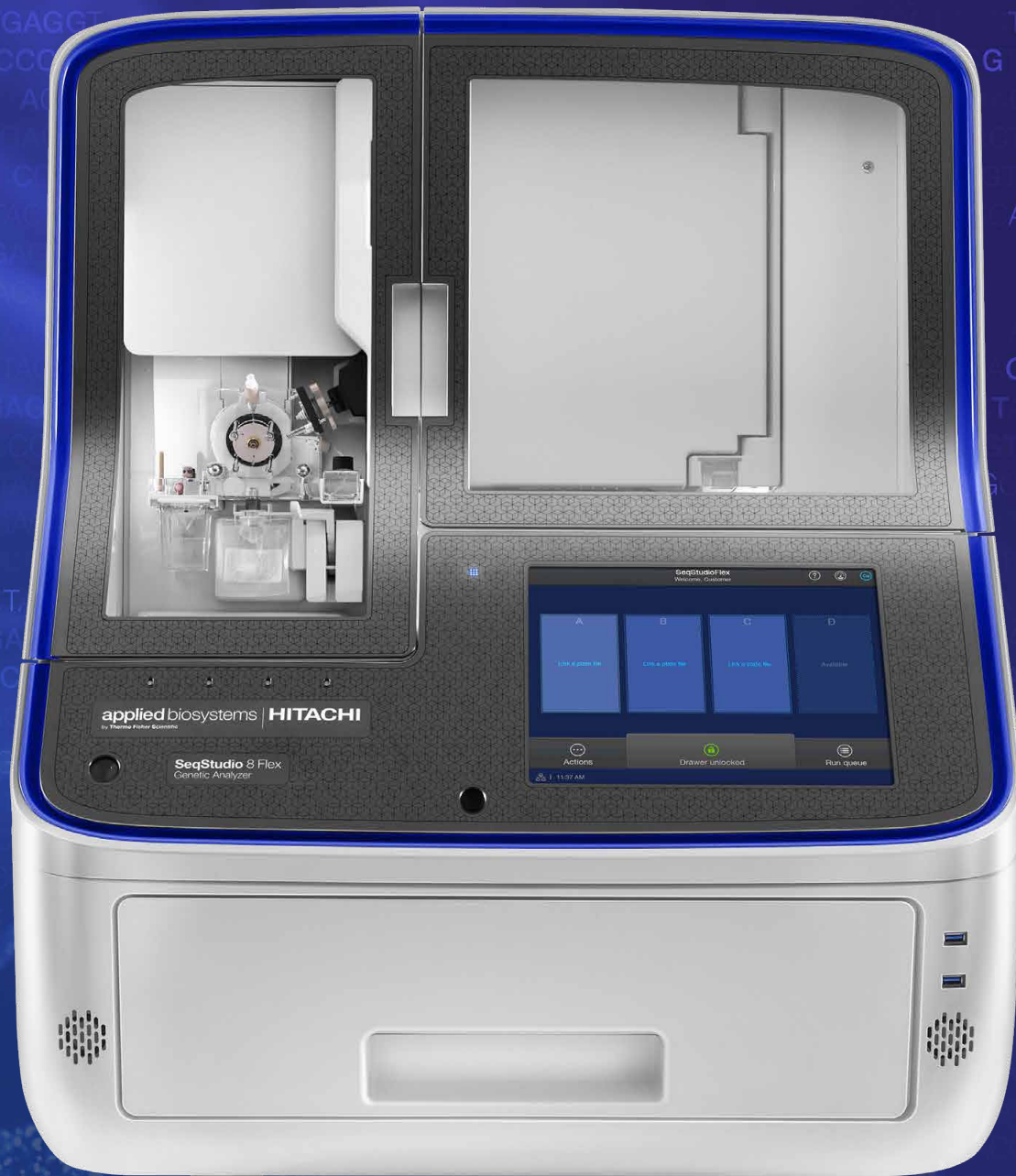
Do more with complete sample number, application, and run schedule flexibility.

- **Freedom to access**—ability to continuously load plates and reprioritize urgent samples without having to terminate the current run.
- **Increased walk-away capacity**—four plate positions accommodating 8-tube strips, and 96-well and 384-well sample plates.
- **Any application, any time**—perform Sanger sequencing and fragment analysis runs on a single plate using Applied Biosystems™ POP-7™ Polymer.
- **Work when and where you want**—set up your experiment, monitor progress, or analyze data from anywhere using the Thermo Fisher™ Connect Platform.

Ease of use

Improved efficiency through simple, intuitive operation and maintenance—even for new users. Experience the ultimate in usability with integrated Alexa™ voice control.

- **Expertise not required**—simple one-button startup, autocalibration, and onscreen step-by-step routine maintenance instructions. Need more help? Easily access onboard self-help training videos.
- **Simplified capillary array installation**—redesigned, more robust arrays with “click-and-slide” retractor tab and enhanced detection cell housing provide improved capillary protection, ease of handling, insertion, and positioning.
- **No desktop computer required**—integrated touchscreen computer, intuitive software, walk-through wizards, and Applied Biosystems™ Plate Manager 2.0 Software for simplified plate setup and instrument operation.



Achieve freedom and peace of mind



Connectivity

Integrating the communication technologies and security options of today to propel laboratory efficiencies of tomorrow.

- **Connect your way**—integrate your instrument via local area network (LAN), Wi-Fi, USB ports, and LIMS compatibility.
- **Confidently walk away**—monitor your run and data via the Connect Platform from your mobile phone, tablet, laptop, or remote desktop.
- **Collaboration made simple**—Wi-Fi and cloud capabilities enable rapid data transfer and sharing.
- **Data integrity and compliance**—security, audit, and electronic signature (SAE) software (optional) for an electronic chain of custody.

Serviceability

Applied Biosystems™ instrument innovation continues through a digital service ecosystem for remote troubleshooting.

- **No service visit required**—70% of issues remotely resolved.
- **Reduced instrument downtime**—remotely resolve issues in minutes, not days, using onboard Smart Help and Remote Support features.
- **Real-time audio/video collaboration**—the Remote Support feature brings our technicians into your laboratory using cutting-edge, security-minded digital tools.
- **Secure transfer of instrument performance data**—send log and run files directly from the instrument with the a push of a button using Smart Help.



70%

of issues resolved in minutes, not days, using our remote digital support tools

Realize new efficiencies—become connected while protected

Want to walk away from runs without worry? You can check instrument status while you start another experiment. Need to be somewhere else? You can take a break and monitor your run remotely. With the SeqStudio Flex Genetic Analyzer and the Connect Platform, you can stay connected to your instrument and data, remotely and safely.



Set up and run

- Obtain run protocol
- Set up and perform run
- Push run data to the Connect Platform

Monitor

- Monitor run from any device
- View results in real time
- Receive alert notifications

Analyze

- Access and share data
- Analyze data using web-based app
- Utilize storage
- Connect to the cloud using any device

Share

- Share protocols
- Share data and results
- Collaborate with peers

Don't miss out on boosting productivity and accelerating scientific discoveries. You can become connected while protected. Introduce your institution's IT department directly to Thermo Fisher IT representatives to address any security concerns they may have. **Reach out to your Thermo Fisher sales representative to arrange an IT consultation.**

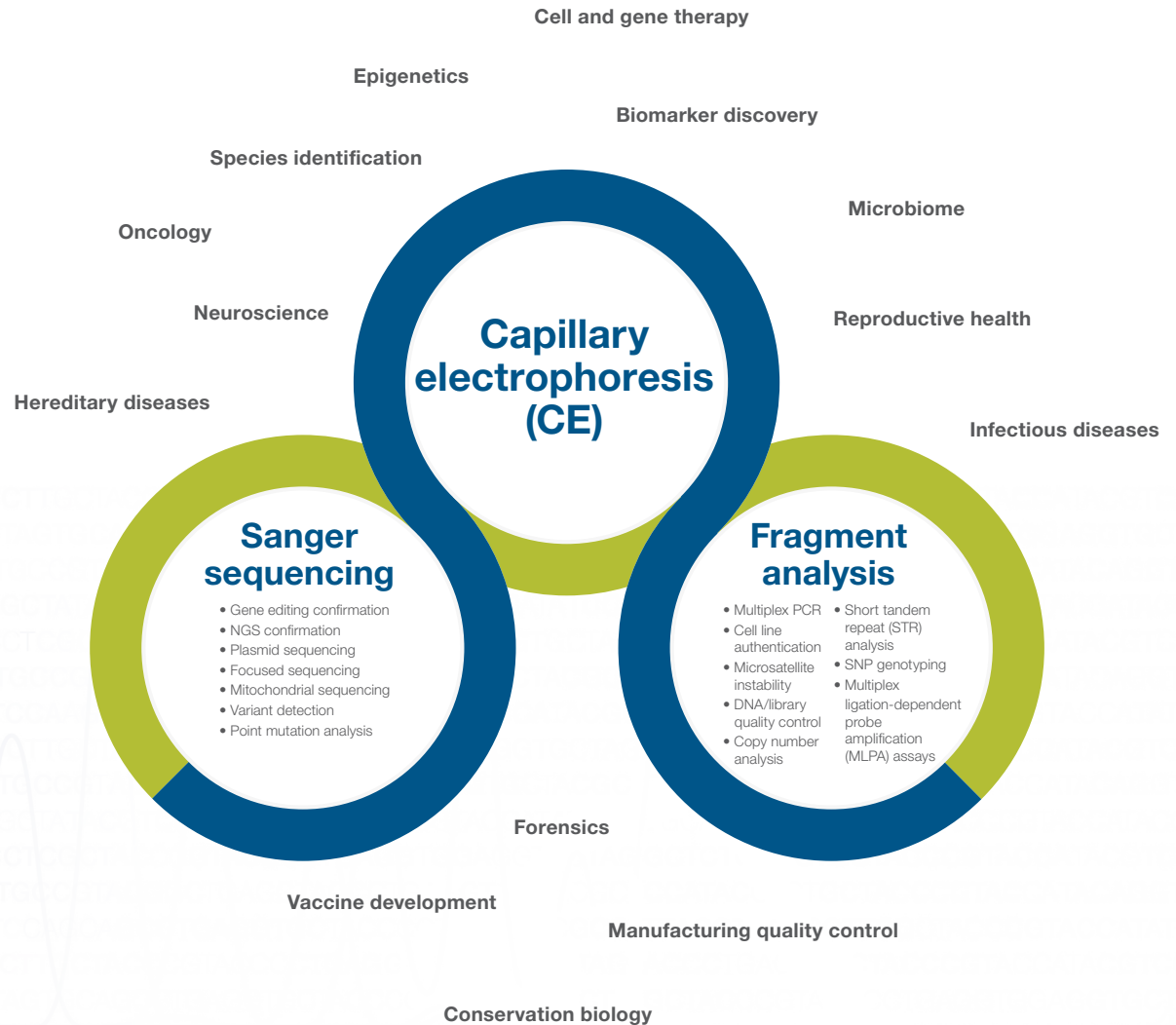
Thermo Fisher has implemented standards and policies to help protect data from unauthorized access in our Connect Platform. Scan the QR code to access our Security Operations Guide, which details the various standards, controls, data security approaches, business practices, and certifications used for the cloud-based storage that supports the Connect Platform.



Delivering reliable performance for a variety of Sanger sequencing and fragment analysis applications

The SeqStudio Flex Genetic Analyzer delivers the gold-standard quality of CE technology with exceptional ease of use and true sample number and application flexibility.

On a single plate, the instrument can run both Sanger sequencing and fragment analysis samples. Load up to four 384-well plates for maximum throughput or just a few samples in an 8-strip tube.



Capillary electrophoresis (CE) efficiently and accurately provides answers for your genomic research questions. It excels at rapidly generating focused sequencing results with single-base resolution for even difficult-to-sequence regions using simple workflows and straightforward data analysis.

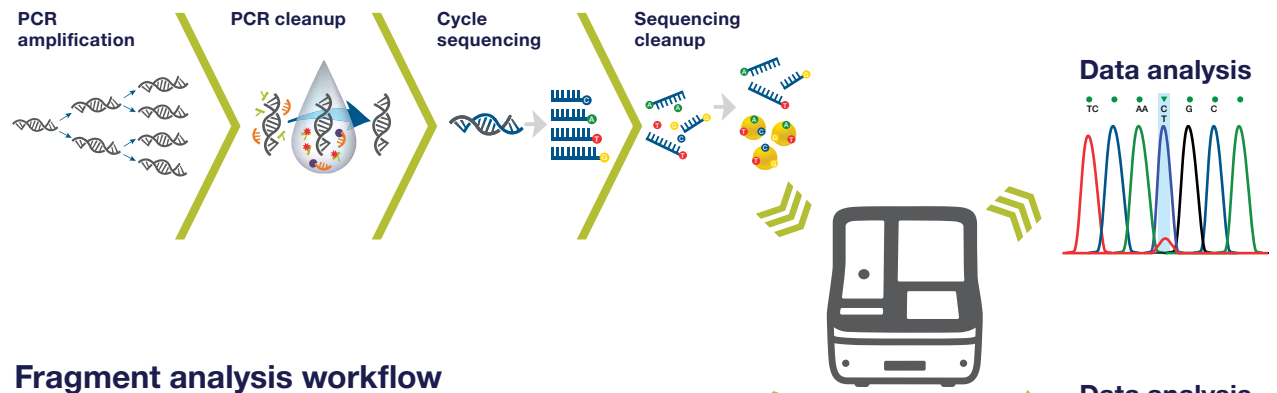


Optimized end-to-end solutions that keep your lab running at maximum efficiency

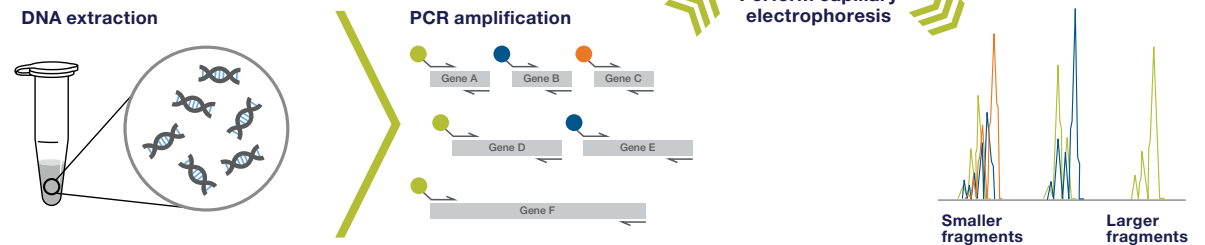
Thermo Fisher is committed to helping you improve data quality and drive laboratory efficiency for all your Sanger sequencing and fragment analysis efforts by offering everything you need for successful CE separations from sample preparation through data analysis. Only when the highest standards are met do we allow product delivery to your laboratory. We focus on quality so that you can focus on research.

- Applied Biosystems™ BigDye™ chemistries, kits, and reagents
- Easy-to-install capillary arrays
- Shared polymers and buffers with Applied Biosystems™ 3500 Series Genetic Analyzers
- Radio frequency identification (RFID) technology
- Largest suite of primary and second analysis software

Sanger sequencing workflow



Fragment analysis workflow

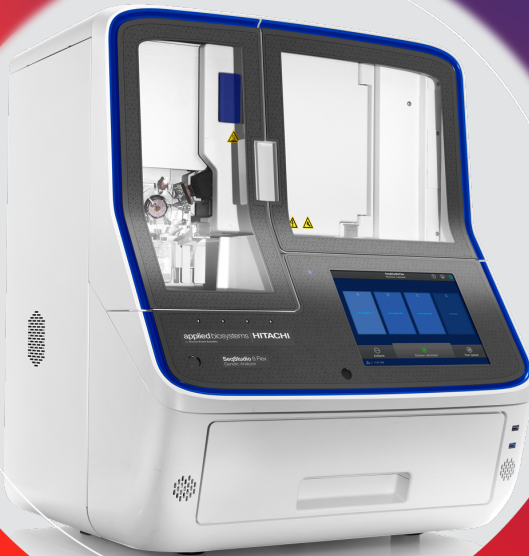


Sanger sequencing and fragment analysis software and web-based apps



- Applied Biosystems™ Sequence Scanner Software
- Applied Biosystems™ SeqScape™ Software
- Applied Biosystems™ GeneMapper™ Software
- Applied Biosystems™ Analysis Module Variant Analysis (VA) Software
- Applied Biosystems™ Quality Check (QC) Module
- Applied Biosystems™ Minor Variant Finder Software
- Applied Biosystems™ Analysis Module Peak Scanner (PS) Software
- Applied Biosystems™ Microsatellite Analysis (MSA) Software
- Applied Biosystems™ MicroSEQ™ ID Microbial Identification Software
- Applied Biosystems™ Analysis Module SeqScreener Gene Edit Confirmation (SGC) Software
- Applied Biosystems™ Analysis Module Next-Generation Confirmation (NGC) Software

Keep advancing with new technology. We've got your back.



Superior services and support for the SeqStudio Flex Genetic Analyzer

Thermo Fisher Scientific offers a comprehensive range of services and support to keep your SeqStudio Flex Genetic Analyzer performing at peak level. Your instrument purchase comes with a standard 1-year factory warranty, customer concierge services, SmartStart orientation, and an advanced digital service ecosystem built right into the instrument.

A standard of support that's a cut above

Our world-class service and support begin at the time of purchase when our customer concierge services team contacts you to help ensure seamless implementation of the SeqStudio Flex Genetic Analyzer. Once installation is complete, an experienced field application scientist (FAS) will lead a one-day, on-site SmartStart orientation to get you up and running quickly.

On-demand support at your fingertips

Your new SeqStudio Flex Genetic Analyzer is equipped with a cutting-edge digital service ecosystem so you can access our network of more than 2,000 trained professionals at the touch of a button. With Smart Help you can easily share log and run files to speed up service troubleshooting and, if needed, request a service visit. Remote Support features enable our technical team to see your instrument in real time and interact with you on the instrument screen to resolve issues virtually.

To find out how our digital support helps resolve up to 70% of cases in minutes, not days, enabling you to focus on your next scientific breakthrough, go to **[thermofisher.com/digitalserviceinnovations](https://www.thermofisher.com/digitalserviceinnovations)**.

Preferred coverage for peace of mind

Our most popular plan, the AB Assurance Plan, helps take the guesswork out of ensuring instrument uptime, from issue prevention to resolution of performance-threatening issues twice as fast, so you can stay focused on the important work ahead of you.

Find out more about the AB Assurance service plan at **[thermofisher.com/abassurance](https://www.thermofisher.com/abassurance)**.

When it comes to superior services and support for your SeqStudio Flex Genetic Analyzer, we've got your back.



Learn more at thermofisher.com/seqstudioflex

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