

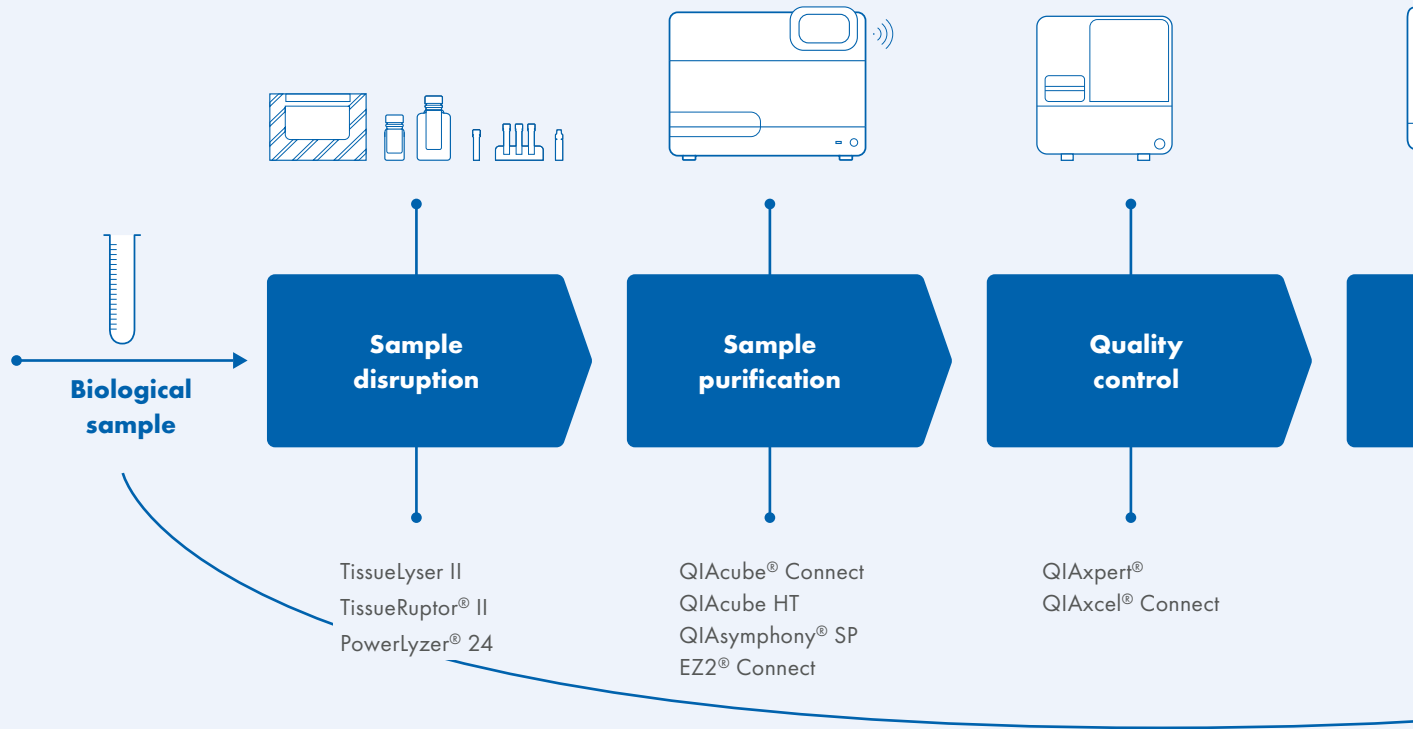


From Sample to Insight[®] at the push of a button

Power up your research with QIAGEN automation



Sample to Insight solutions



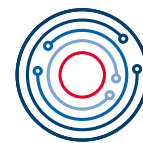
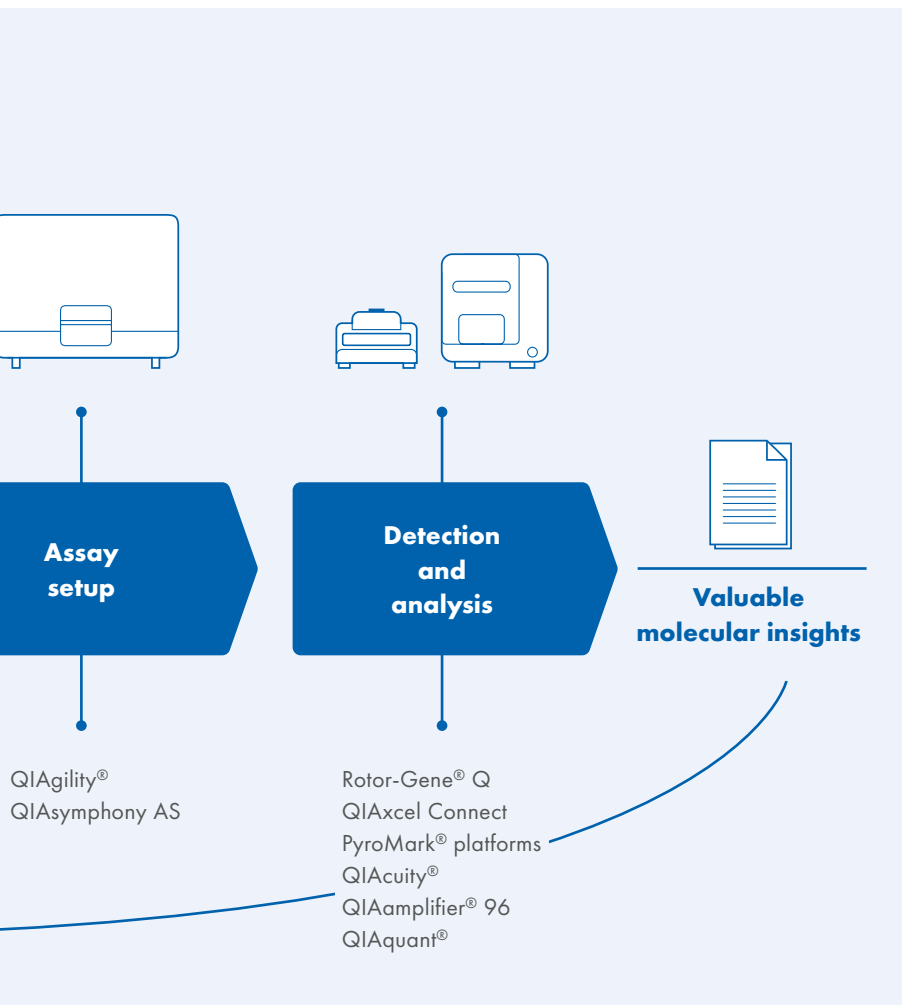
Get to your results faster

Imagine clear and standardized results, time after time, at the touch of a button.

Imagine no more tedious, hands-on lab tasks.

Imagine having more time to think about your next great research idea.

At QIAGEN, all these things are now possible. Our instruments and kits help you to quickly turn your biological samples into valuable molecular insights.



QIASphere

Increase lab productivity without increasing lab time

A growing line of QIAGEN instruments can be integrated with QIASphere, a hardware-and-app system that lets you manage your instruments and receive real-time status reports even from outside the lab.

In 2022, the following RUO instruments can already be used with QIASphere:

- QIAcube Connect for spin-column-based sample purification
- EZ2 Connect for magnetic-bead-based sample purification
- QIAxcel Connect for cartridge-based gel electrophoresis

Learn more about QIASphere at www.qiagen.com/qiasphere

Get up and running quickly – and stay that way

We also provide comprehensive support services to assure a fast start and continued success of your precise automated applications.

QIAGEN Service Solutions provide a wide range of flexible support and maintenance agreements that let you enjoy complete coverage and cost control. We work in partnership with you to establish proven QIAGEN applications on your systems. Our Application Services and Training Programs give you the freedom and flexibility to adapt your system to specific or changing research needs.

With ISO 9001/ISO 13485 certification and an international team of highly qualified and experienced Support Specialists, we deliver the service you deserve.

Sample disruption

Every experiment starts with a sample. QIAGEN sample disruption instruments homogenize your samples quickly and thoroughly for high yields of purified biomolecules.

TissueLyser II

The TissueLyser II disrupts biological samples by shaking them at high speed in plastic tubes that also contain stainless steel, tungsten carbide, or glass beads. By using adapter sets, you can use this instrument to process up to 48 or even 192 samples at the same time. Or you can use a grinding jar to process large samples.



TissueRuptor II

The TissueRuptor II is a handheld rotor-stator homogenizer that provides rapid, efficient and flexible disruption of human, animal and plant samples for a wide range of downstream applications. It uses disposable probes, which helps to minimize the risk of cross-contamination.



PowerLyzer 24

The PowerLyzer 24 Homogenizer is a bead-beating instrument designed for complete homogenization and lysis of any biological sample. Up to 24 samples can be processed in as little as 30 seconds.



Sample purification

High-quality results start with high-quality nucleic acids. Our sample purification instruments give you high-quality DNA, RNA and proteins from a broad range of sample materials.

QIAcube Connect

Automate your manual QIAGEN spin column kits and process 12 samples in one run with QIAcube Connect.



QIAcube HT

If you're doing spin-column-based purification for more than 12 samples per run, choose the QIAcube HT. Despite its small footprint, this instrument can purify 24–96 samples at the same time.



QIAasymphony SP

QIAasymphony SP processes up to 96 samples in a single run using magnetic-bead purification technology. It can handle sample volumes up to 2 ml.



EZ2 Connect

The EZ2 Connect purifies up to 24 samples at a time. It has ready-to-use cartridges, liquid transfer capabilities, and a user-friendly interface for magnetic-bead-based purification.

For human identification and forensic usage, a more advanced version of the instrument is available, the EZ2 Connect Fx.

In 2022, the EZ2 Connect received the prestigious Red Dot Award for its exceptional design.

Quality control

When you have a clear understanding of your sample quality and composition, you can make better decisions about downstream sample usage.



QIAxcel Connect

The QIAxcel Connect is a gel capillary electrophoresis instrument that simplifies the quality assessment of genomic DNA, cell-free DNA, NGS libraries, total RNA quality, and cRNA size distribution for microarray studies.

QIAxpert

Unlike other spectrophotometers that simply give an overview of all absorbing components, the QIAxpert discriminates between molecules of interest and determines specific amounts of DNA, RNA and contaminating fractions.



Assay setup

Eliminate manual pipetting steps to reduce human error, standardize results, increase productivity and gain peace of mind.

QIAgility

QIAgility provides rapid, high-precision PCR setup in almost all plate and tube formats. The easy-to-use software is plug-and-play and requires no special programming. Optimized protocols assure fast startup and immediate results.



QIAsymphony AS

QIAsymphony AS extends the capabilities of QIAsymphony SP to include highly reliable and reproducible automated assay setup. The AS module interfaces with QIAsymphony SP and works with the same easy-to-use, intuitive software.



Detection and analysis

QIAcuity

The QIAcuity Digital PCR (dPCR) System is designed to deliver precise and multiplexed quantification results for mutation detection, copy number variation (CNV), gene expression studies, gene-editing analysis and many more. This nanoplate-based system seamlessly integrates a standard dPCR workflow of partitioning, thermocycling and imaging into a walk-away automated platform with minimal hands-on time.



QIAxcel Connect

The QIAxcel Connect gel electrophoresis instrument simplifies fragment analysis for as many as 96 samples at a time. It replaces manual gel preparation with ready-to-use gel cartridges that can be easily switched to address different application needs such as high-sensitivity, high-resolution or multiplex analysis.



QIAquant

QIAquant instruments are all-round systems designed for fast and high-performance real-time PCR in a 96- or 384-well format. They combine high-quality thermal elements for fast heating and cooling ramping rates, and a fast multichannel detection system for shorter cycling times. The open system is compatible with plasticware in standard SBS formats, low and normal profiles, and all skirting types.



Rotor-Gene Q

Rotor-Gene Q is for researchers who require the highest accuracy and precision in their qPCR and qRT-PCR data. It provides unmatched thermal uniformity, superior optical precision and the ultimate flexibility for outstanding performance and data quality. The comprehensive software package supports all current real-time analysis procedures with basic to advanced algorithms.



QIAamplifier

The QIAamplifier 96 is a fast and high-performance 96-well block system for all end-point PCR requirements. It is equipped with a heated smart lid for consistent results. Its maximum noise level of 45 decibels makes it a low-profile lab companion. The QIAamplifier 96 is designed to last and will deliver consistent and reproducible results.



PyroMark platforms

PyroMark Pyrosequencing[®] platforms provide rapid, reliable and sensitive detection and quantification of sequence variations with single site resolution. A dedicated portfolio of instruments, assays and kits supports many applications, including mutation analysis, CpG and CpN methylation analysis, resistance typing and microbial ID. Pyrosequencing gives fully quantitative results with high sensitivity, and it also reveals the most detailed information about your sample – the sequence.





Request an automation demo today: www.qiagen.com/automation-demo

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