9

Integrated Automated Solutions

www.qiagen.com/PG/automation

EZ1 Cards	Page
EZ1 DNA Bacteria Card	32
EZ1 DNA Blood Card	32
EZ1 DNA Buccal Swab Card	32
EZ1 DNA Buffy Coat Card	32
EZ1 DNA Dried Blood Card	32
EZ1 DNA Investigator Card	32
EZ1 DNA Paraffin Section Card	32
EZ1 DNA Tissue Card	32
EZ1 RNA Card	125
EZ1 Virus Card v2.0	32
EZ1 Test Card	377

EZ1 Kits	Page
EZ1 DNA Blood 200 µl Kit	34
EZ1 DNA Blood 350 µl Kit	35
EZ1 DNA Investigator Kit	37
EZ1 DNA Tissue Kit	36
EZ1 RNA Cell Mini Kit	126
EZ1 RNA Tissue Mini Kit	127
EZ1 RNA Universal Tissue Kit	128
EZ1 Virus Mini Kit v2.0	38

BioRobot® EZ1 Workstation

For easy, automated purification of nucleic acids from 1–6 human or forensic samples

- High-quality genomic DNA — rapid purification from blood, buffy coat, tissues, cultured cells, swabs, paraffin-embedded sections, dried blood spots, bacteria, and forensic samples
- High-quality total RNA — rapid purification from cells and tissues
- Viral nucleic acids — from serum and plasma samples
- Total nucleic acids — from cells and easy-to-lyse tissues
- Affordable, slimline workstation — ideal for high-priority or overnight samples

Product description

The BioRobot EZ1 workstation is designed for nucleic acid purification from a wide range of clinically relevant samples using magnetic-particle technology. An easy-to-use workstation, prefilled and sealed reagent cartridges, and error-free protocol selection and worktable setup make nucleic acid purification simple.

Applications

Nucleic acids are ready for use in a wide range of downstream applications in clinical research, including:

- Oncology, forensics, and biodefense research
- Genetic testing and genotyping, including STR, NASBA®, VNTR, SNP, and AFLP analyses
- Infectious disease research, including bacterial genotyping
- Gene expression analysis, including real-time RT-PCR and microarray

The BioRobot EZ1 workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot EZ1	Robotic workstation for automated purification of nucleic acids using EZ1 kits, 1-year warranty on parts and labor*	9000705

* Warranty PLUS 2 (cat. no. 9237720) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

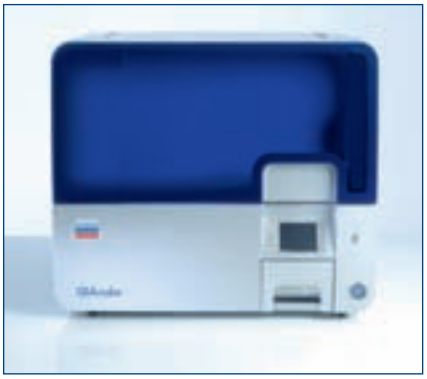
For further information: www.qiagen.com/PG/automation

Automated

New QIAcube

For fully automated sample prep using spin-column kits

- Proven QIAGEN® spin-column chemistries — up to 12 samples can be processed per run
- A complete automated solution for low-throughput sample prep — all steps fully automated, including sample lysis
- A wide range of applications — fully automated purification of genomic DNA, total RNA, viral nucleic acids, plasmid DNA, or protein, plus DNA and RNA cleanup
- Economical price — cost-efficient system fits your budget



Product description

The innovative QIAcube simplifies and streamlines sample prep by enabling walkaway automation of reliable QIAGEN spin-column kits. All steps in the purification procedure are fully automated — including sample lysis — and up to 12 samples can be processed per run.

Applications

The QIAcube is highly suited for laboratories performing applications, such as:

- Gene expression analysis
- Genotyping
- Proteomics

The QIAcube is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Spin-column kits that can be automated on the QIAcube	Page
QIAprep Spin Miniprep Kit	74
QIAquick PCR Purification Kit	102
QIAquick Gel Extraction Kit	105
QIAamp DNA Blood Mini Kit	16
QIAamp MinElute Virus Spin Kit	22
RNeasy Mini Kit	145
Ni-NTA Spin Kit	271
MinElute PCR Purification Kit*	100
QIAquick Nucleotide Removal Kit*	108
MinElute Reaction Cleanup Kit*	107
MinElute Gel Extraction Kit*	104
RNeasy MinElute Cleanup Kit*	165
QIAamp DNA Mini Kit*	18

* Protocols in development. To find out which protocols are currently available in our expanding range, visit www.qiagen.com/PG/MyQIAcube .

Product	Contents	Cat. no.
QIAcube†	Robotic workstation for purification of nucleic acids or recombinant proteins using QIAGEN spin-column kits, 1 year warranty on parts and labor‡	9001293

† Available in Q2 2007.

‡ Agreements for comprehensive service coverage are available; please inquire.

For further information: www.qiagen.com/PG/automation

M48 Application Packages	Page
App. Package, M48, Forensics	42
App. Package, M48, Gene Expression	129
App. Package, M48, Genetic Screening	40
App. Package, M48, Genomic Research	41
App. Package, M48, Genotyping	39
App. Package, M48, Inf. Dis.	44
App. Package, M48, Pathology	43

MagAttract® M48 Kits	Page
MagAttract Direct mRNA M48 Kit	133
MagAttract DNA Blood Midi M48 Kit	45
MagAttract DNA Blood Mini M48 Kit	45
MagAttract DNA Mini M48 Kit	46
MagAttract RNA Cell Mini M48 Kit	130
MagAttract RNA Tissue Mini M48 Kit	131
MagAttract RNA Universal Tissue M48 Kit	132
MagAttract Viral RNA M48 Kit	134
MagAttract Virus Mini M48 Kit	47

BioRobot M48 Workstation

For flexible, fully automated nucleic acid purification from 6–48 human or forensic samples

- High-quality genomic DNA — flexible purification from blood, buffy coat, tissues, cultured cells, swabs, paraffin-embedded sections, dried blood spots, bacteria and forensic samples
- High-quality RNA — flexible purification of total RNA from cells, tissues, and reaction mixtures, plus direct mRNA from blood, cells, serum, and plasma
- High-quality viral DNA and RNA — from up to 400 µl serum or plasma
- Total nucleic acids — rapid purification from easy-to-lyse tissues and cells

Product description

Nucleic acid purification and magnetic separation take place in the pipet tips, increasing the efficiency of the procedure. Up to 48 samples can be processed per run in increments of 6 samples.

Applications

Purified nucleic acids are ready for use in a wide range of clinical research applications, including:

- Genetic testing, including STR, NASBA, VNTR, and SNP
- Gene expression analysis, including RT-PCR and microarrays
- Infectious disease, forensics, and biodefense research

The BioRobot M48 workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot M48	Robotic workstation for automated purification of nucleic acids using MagAttract M48 kits, computer, 1-year warranty on parts and labor*	9000708

* Warranty PLUS 2 (cat. no. 9237714) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

Automated

BioRobot MDx Workstation

For walkaway purification of nucleic acids from 96 human samples

- High-quality viral DNA and RNA — from blood and cell-free body fluids
- High-quality genomic DNA — standardized purification from blood, serum, plasma, and buffy coat samples
- High-quality intracellular RNA — from human whole blood stabilized in PAXgene™ Blood RNA Tubes
- Effortless data management — with full process documentation and sample tracking
- Secure user environments — give increased protocol protection
- Error-free worktable setup — with a detailed load check

BioRobot MDx Kits	Page
PAXgene Blood RNA MDx Kit	121
QIAamp® DNA Blood BioRobot MDx Kit	27
QIAamp Virus BioRobot MDx Kit	30
QIAamp Media MDx Kit	29

Product description

The BioRobot MDx workstation provides true walkaway automation of sample preparation. The system includes ready-to-run protocols for nucleic acid purification and reaction setup protocols for some amplification systems.

Applications

Purified nucleic acids are ready for use in a wide range of demanding and sensitive downstream applications, including:

- Viral epidemiology and infectious disease research
- Genotyping, including STR, NASBA, VNTR, SNP, RAPD, and AFLP analyses

The BioRobot MDx workstation is intended for laboratory use. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot MDx	Robotic workstation, computer-controlled vacuum pump, computer, QIAsoft MDx Operating System, laboratory cabinet, accessory cabinet, installation and training, 1-year warranty on parts and labor*	900600

* Warranty PLUS 2 Premium (cat. no. 9239341) recommended: 3-year warranty, 2 preventive maintenance visits per year, 24-hour priority response, all labor, travel, and repair parts. Not available in all countries/areas; please contact your local Instrument Service Department for more information.

For further information: www.qiagen.com/PG/automation

Automated

Kits that can be automated on the BioRobot Universal System*	Page
PAXgene Blood RNA MDx Kit	121
RNeasy® 96 BioRobot 8000 Kit	154
RNeasy 96 Universal Tissue 8000 Kit	155
QIAamp 96 DNA Swab BioRobot Kit	28
QIAamp DNA Blood BioRobot MDx Kit	27
QuantiTect® Probe RT-PCR Kit	202
QuantiTect Probe PCR Kit	199
QIAprep® 96 Turbo BioRobot Kit	75
MinElute® 96 UF PCR Purification Kit	101

* Specialized protocols are available for forensics applications; please inquire.

Sample type	Samples per run
RNA purification	
Blood (collected in PAXgene Blood RNA Tubes)	48 or 96 samples
Cells	96 or 192 samples
Tissues	24–96 samples in multiples of 8
DNA purification	
Buccal swabs	24–192 samples in multiples of 8
Blood	32–96 samples in multiples of 8
Plasmid DNA purification	
E. coli cultures	32–384 samples (32–96 samples in multiples of 32; 96–384 samples in multiples of 96)
DNA cleanup	
Amplification reactions	8–384 samples in multiples of 8

BioRobot Universal System

For fully automated high-throughput applications in systems biology, in 96-well format

- Fully automated purification of RNA and genomic DNA — from a wide range of sample types
- Fully automated purification of plasmid DNA — from up to 4 x 96 bacterial cultures
- Reproducible results between experiments and labs — through standardized sample preparation and reaction setup
- Fast startup — optimized, ready-to-run protocols guarantee immediate results and continued success
- Comprehensive support — a wide range of agreements for service coverage tailored to your needs

Product description

The BioRobot Universal System integrates all the instrumentation, software, purification technologies, and enzyme technologies that are required for high-throughput applications in systems biology. Application Packs are available for gene expression, genotyping, and sequencing applications. Fully automated, optimized protocols enable purification of highly pure RNA, genomic DNA, and plasmid DNA plus PCR cleanup. Automated RT-PCR, PCR, and sequencing reaction setup provides high levels of reliability and standardization and helps to eliminate variation caused by handling errors, particularly when processing a large number of samples.

Applications

The BioRobot Universal System is suitable for laboratories performing systems biology applications, such as:

- Gene expression analysis
- Genotyping
- Sequencing projects

The BioRobot Universal System workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

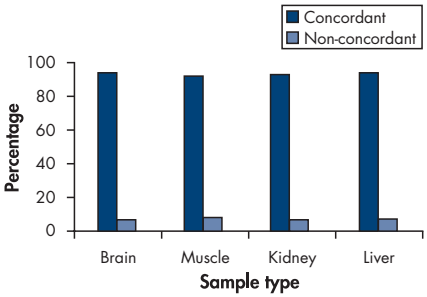
Product	Contents	Cat. no.
BioRobot Universal System	Robotic workstation, computer-controlled vacuum pump, computer, QIAsoft 5 Operating System, installation, 1-year warranty on parts and labor*	9001094
Application Pack, Gene Expression	Protocols and application-specific accessories for RNA purification and RT-PCR setup	9016754
Application Pack, Genotyping	Protocols and application-specific accessories for genomic DNA purification and PCR setup	9016755
Application Pack, Sequencing	Protocols and application-specific accessories for plasmid DNA purification, PCR cleanup, and sequencing reaction setup	9016757

* Warranty PLUS 2 (cat. no. 9239573) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

Automated

Comparable Results with Manual Procedure Using cRNA Prepared from Mouse Tissues



Total RNA was purified using RNeasy Kits from the indicated sample types. One cRNA sample for each tissue type was hybridized to Affymetrix GeneChip Mouse 430A probe arrays. For each tissue sample, the signal values were compared with the signal values from a corresponding cRNA sample prepared using a manual procedure. **Concordant**: percentage of genes identified as being present or absent by both cRNA from the BioRobot Gene Expression and cRNA from the manual procedure. **Non-concordant**: percentage of genes identified as being present by one cRNA sample and absent by the other.

BioRobot Gene Expression — cRNA Target Prep

For walkaway preparation of targets for Affymetrix® GeneChip® arrays in 96-well format

- Automated fabrication of cRNA targets — for GeneChip microarray analysis
- Reduced hands-on time — automated workflow from cDNA synthesis to cRNA fragmentation
- Comprehensive support — installation, performance testing, and on-site software training

Product description

The BioRobot Gene Expression provides automated preparation of cRNA targets for Affymetrix GeneChip arrays, from cDNA synthesis to cRNA fragmentation. Starting from total RNA, up to 96 samples can be processed per run in increments of 8 samples.

Applications

The BioRobot Gene Expression with the cRNA Target Preparation Specialist Pack is for laboratories performing gene expression analyses using GeneChip arrays.

The BioRobot Gene Expression — cRNA Target Prep workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot Gene Expression, cRNA Target Prep	Robotic workstation and cRNA Target Preparation Specialist Pack, which includes BioRobot Twister® II, spectrophotometer, thermocycler, QIAsoft 4.2 Operating System, CLARA® scheduling software, chemistries starter kit, QIAsoft protocols, installation, training, and 1-year warranty on parts and labor*	9000821

* Warranty PLUS 2 (cat. no. 9238974) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

Automated

BioSprint 96

For rapid and economical preparation of 1–96 samples using magnetic-particle technology

- Rapid purification of highly pure total DNA from cells, tissue, blood, dried blood spots, buccal swabs, and plant tissue, plus PCR cleanup
- Rapid purification of high-purity 6xHis- or *Strep*-tagged proteins
- Magnetic-particle transfer allows rapid processing of up to 96 samples per run
- Economically priced automation saves time and effort
- Open design allows adaptability to specific needs

BioSprint 96 Kits*	Page
BioSprint 96 DNA Blood Kit	55
BioSprint 96 DNA Plant Kit	56

* Supplementary protocols for other automated procedures, such as purification of 6xHis- or *Strep*-tagged proteins or PCR cleanup, are available at www.qiagen.com/literature/protocols .

Product description

The BioSprint 96 provides high-throughput sample preparation using magnetic-particle technology. Kits are available for purification of total DNA from cells, tissue, blood, dried blood spots, and buccal swabs (page 55), and total DNA from plant tissue (page 56).

Applications

Total DNA purified using the BioSprint 96 workstation is ready for use in a wide range of applications, such as PCR and real-time PCR, Southern blotting, microsatellite analysis, and genotyping. Purified recombinant protein is suitable for use in downstream applications including structural and functional investigations; activity-based assays, such as protein–protein and protein–nucleic acid interaction assays; and immunization to produce antibodies.

The BioSprint 96 workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioSprint 96	Robotic workstation for automation of magnetic-particle purification technology and 1-year warranty on parts and labor†	9000852

† Warranty PLUS 2 recommended (cat. no. 9238777): 3-year warranty, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

Automated

Kits that can be automated on the BioRobot Protein System	Page
Ni-NTA Superflow 96 BioRobot Kit	276
Ni-NTA Magnetic Agarose Beads	269
Strep-Tactin Magnetic Beads	279

BioRobot Protein — Expression Screening

For automated purification and quantification of up to 4 mg 6xHis-tagged proteins in 96-well format

- Automated purification and quantification — from up to 96 samples from *E. coli* or eukaryotic cells in parallel
- Purification of up to 30 µg protein — per 1 ml culture for screening applications (micro scale)
- Purification of up to 4 mg protein — per culture of up to 25 ml for enzyme screening and interaction studies (medium scale)
- Comprehensive support — installation, performance testing, and on-site software training

Product description

The BioRobot Protein provides high-throughput purification of 6xHis-tagged proteins, quantification, and assay setup.

Applications

The BioRobot Protein is suited for laboratories performing proteomics applications, such as:

- Expression and solubility screening
- Pre-crystallization studies
- Recombinant protein arrays
- Functional analyses of prokaryotic and eukaryotic proteins

The BioRobot Protein — Expression Screening workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot Protein, Expression Screening	Robotic workstation and Expression Screening Specialist Pack, which includes BioRobot Twister II, spectrophotometer, QIAsoft 4.2 Operating System, CLARA scheduling software, chemistries starter kit, QIAsoft protocols, installation, training, and 1-year warranty on parts and labor*	9000740

* Warranty PLUS 2 (cat. no. 9236465) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

Automated

BioRobot 8000 Workstations

Flexible automation for purification of DNA, RNA, or proteins, plus reaction setup and reaction cleanup in 96-well format

- Walkaway purification of plasmid DNA — from bacteria
- Walkaway purification of RNA — from cells and tissue
- Walkaway reaction setup and cleanup — for PCR, genotyping, and sequencing projects
- Walkaway purification of recombinant proteins — from *E. coli* and insect cell cultures
- Increased flexibility — upgrade packages for new applications

Product description

The BioRobot 8000 series of workstations automates liquid handling and sample processing, enabling flexible high-throughput purification of DNA, RNA, or recombinant proteins, reaction setup, and reaction cleanup.

Applications

The BioRobot 8000 series of molecular biology workstations is designed for laboratories at the leading edge of genomics and proteomics, performing applications such as:

- Sequencing, cloning, genotyping, and amplification
- Gene expression analysis, including real-time RT-PCR and microarray technologies
- Proteomics research, including micro- to medium-scale purification, screening, and interaction studies
- Sample rearray, replication, normalization, and cherry picking

BioRobot 8000 workstations are intended for research applications. No claim or representation is intended for their use to provide information for the diagnosis, prevention, or treatment of a disease.

Kits that can be automated on the BioRobot 8000	Page
R.E.A.L.® Prep 96 BioRobot Kit	80
DirectPrep® 96 BioRobot Kit	79
QIAprep 96 Turbo BioRobot Kit	75
QIAwell® 96 Ultra BioRobot Kit	82
MagAttract 96 Miniprep Core Kit	81
QIAquick® 96 PCR BioRobot Kit	103
MinElute 96 UF PCR Purification Kit	101
Ni-NTA Superflow 96 BioRobot Kit	276
Ni-NTA Magnetic Agarose Beads	269
RNeasy 96 Universal Tissue 8000 Kit	155
RNeasy 96 BioRobot 8000 Kit	154
QIAamp 96 DNA Swab BioRobot Kit	28

Product	Contents	Cat. no.
BioRobot 8000	Robotic workstation with selected system components, computer, QIAsoft 4.2 Operating System, training, and 1-year warranty on parts and labor*	900500

* Warranty PLUS 2 (cat. no. 9236465) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

Automated

BioRobot RapidPlate® Workstation

For fast liquid handling in 96- and 384-well formats and integration with BioRobot workstations

- Rapid liquid handling — with accurate pipetting through 96 channels
- Cross-contamination–free pipetting — using 100 µl or 200 µl disposable tips
- Precise tip positioning — with a stationary pipetting head and rotating worktable
- Seamless integration — with BioRobot 8000 workstations (page 371)

Product description

The BioRobot RapidPlate workstation is designed for fast and accurate liquid handling. The 96-channel pipettor head enables rapid and precise pipetting, which minimizes the risk of cross-contamination. Liquid-handling tasks can be performed in 96- or 384-well format.

Applications

The BioRobot RapidPlate workstation performs high-throughput liquid-handling tasks such as:

- Reaction setup for PCR, sequencing, restriction, ligation, and more
- Sample dilution, replication, and re-array
- Increasing throughput for BioRobot 8000 workstations

The BioRobot RapidPlate workstation is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot RapidPlate (240 V)†	Robotic workstation, controller, operating software, software protocols, training, and 1-year warranty on parts and labor*	9000502†

* Warranty PLUS 2 (cat. no. 9237132) recommended: 3-year warranty, 1 preventive maintenance visit per year, 48-hour priority response, all labor, travel, and repair parts.

† Also available: BioRobot RapidPlate (120 V) cat. no. 9000490.

For further information: www.qiagen.com/PG/automation

Automated

BioRobot Twister II Robotic Arm System

For high-capacity handling and storage of microplates and integrating with BioRobot workstations

- Reliable microplate transfer — integrated with BioRobot 8000 and RapidPlate workstations (pages 371 and 372)
- Overnight processing — allowed by functional storage capacity for up to 320 plates
- Increased compatibility — telescopic arm and rotating wrist joint improve access to instruments
- Increased storage — modular stackers provide more capacity

Product description

The BioRobot Twister II robotic arm system is a high-capacity microplate handling and storage system that enables integration of external instruments with BioRobot workstations. Up to 320 microplates can be stored, allowing overnight processing and extended periods of unattended processing.

Applications

The BioRobot Twister II robotic arm system can be integrated with BioRobot workstations and other instruments such as spectrophotometers, thermal cyclers, and plate sealers to enable automation of sequential tasks for:

- Sample preparation, analysis, and normalization
- Fully automated PCR and sequencing projects

The BioRobot Twister II Robotic Arm System is intended for research applications. No claim or representation is intended for its use to provide information for the diagnosis, prevention, or treatment of a disease.

Product	Contents	Cat. no.
BioRobot Twister II*	Robotic arm system with storage capacity for up to 120 microplates, expandable to a maximum capacity of 320 microplates	9000492

* Warranty PLUS 2 (cat. no. 9238214) recommended: 3-year warranty, 48-hour priority response, all labor, travel, and repair parts.

For further information: www.qiagen.com/PG/automation

QIAGEN Instrument Service — Service Support Agreements

For complete coverage and cost control

- Flexible service support agreements — a wide range of agreements for service coverage tailored to your needs
- Optimal instrument performance — through regular scheduled maintenance
- Reduced service costs — agreements can provide coverage for labor, travel, and repair parts plus annual preventive maintenance

QIAGEN Instrument Service provides flexible service support agreements to ensure the continued success of your automated applications in life science research, applied testing, pharmacogenomics, biomedical research, or in vitro diagnostic laboratories. Whether you are a high- or low-throughput user, purchase of a service support agreement gives you peace of mind and lets you enjoy complete coverage and cost control. Agreements are available for all QIAGEN automated systems.

Warranty PLUS

A Warranty PLUS agreement extends your warranty period to 2 or 3 years. One preventive maintenance visit is included per year. Costs for service visits are fully covered including travel, labor, and repair parts, plus the cost of kits required for preventive maintenance. Agreements are available with a 24-hour (1 working day) or 48-hour (2 working days) priority response time.

Service Agreements

Our flexible service support agreements provide full coverage of your automated system for 1 year. Costs for service visits are fully covered including travel, labor, and repair parts. One or 2 preventive maintenance visits are included in the agreement, with costs for labor and repair parts covered. Agreements are available with response times of 24- or 48-hours (1 or 2 working days) or 5 working days.

Product	Contents	Cat. no.
Warranty PLUS, Premium*	2- or 3-year warranty, 1 preventive maintenance visit per year, 24-hour (1 working day) priority response, all labor, travel, and repair parts	Inquire
Warranty PLUS	2- or 3-year warranty, 1 preventive maintenance visit per year, 48-hour (2 working days) priority response, all labor, travel, and repair parts	Inquire
Premium Cover Agreement*	Full service coverage, 1 or 2 preventive maintenance visits per year, 24-hour (1 working day) priority response, all labor, travel, and repair parts	Inquire
Full Agreement	Full service coverage, 1 or 2 preventive maintenance visits per year, 48-hour (2 working days) priority response, all labor, travel, and repair parts	Inquire
Basic Cover Agreement	Full service coverage, 1 or 2 preventive maintenance visits per year, 5-day response time, all labor and repair parts	Inquire

* Not available in all countries/areas; please contact your local Instrument Service Department for more information.

For further information: www.qiagen.com/PG/automation

QIAGEN Instrument Service — Application Services

For increased flexibility and application support

- Application development — protocol development and testing and optimization of automated applications
- Comprehensive training — user training tailor-made to your requirements
- Consultative services — allowing you to discuss, define, and realize your automation project

Our Application Services give you the freedom to utilize the experience and expertise of our highly trained Instrument Service Specialists. Our specialists can help you develop or optimize an automated application on your QIAGEN automated system.

Mission Pack and Project Pack

The Mission Pack is valid for one year and provides you with 6 days of application support; the Project Pack is valid for 3 years and provides you with 12 days of application support. Take advantage of the expertise of our dedicated team of Instrument Service Specialists for support with project planning or application development through to user training and data analysis.

Training Programs

Our Training Programs give you the freedom and flexibility to adapt your system to specific or changing research needs. Training can be scheduled for the number of attendees you desire and for basic, advanced, or specialized training on your QIAGEN system and software.

Product	Contents	Cat. no.
Mission Pack Application Agreement	Includes 6 working days (on-site* or off-site work†), valid for 1 year	9238771
Project Pack Application Agreement	Includes 12 working days (on-site* or off-site work†), valid for 3 years	9238773
Training Programs	Tailor-made training to suit your requirements	Inquire

* Notification of a minimum of 5 working days in advance is required for an on-site visit.

† Off-site working time is calculated in hours based on an 8-hour working day; on-site working time is calculated in days. Used time will be tracked by field service reports that require the signature of the customer and the Instrument Service Specialist.

For further information: www.qiagen.com/PG/automation

Automation Accessories

Product	Contents	Cat. no.
5-Hole Tube Unit (256)	For 640 preps: 256 x 5-Hole Tube Units for use with AutoGenFlex workstations	19589
EZ1 Test Card	Preprogrammed card for BioRobot EZ1 test protocols	9016187
Filter-Tips and Holders, EZ1 (50)	50 Disposable Filter-Tips, 50 Disposable Tip Holders; additional tips and holders for use with EZ1 Kits	994900
Disposable Filter-Tips, 1100 µl (960)	Conducting disposable filter-tips; pack of 960	9012598
Disposable Filter-Tips, 300 µl (960)	Conducting disposable filter-tips; pack of 960	9012599
Disposable Tips, 1100 µl (960)	Conducting disposable tips; pack of 960	9012595
Disposable Tips, 300 µl (960)	Conducting disposable tips; pack of 960	9012596
Tips RP, 100 µl (960)	Disposable tips for the BioRobot RapidPlate workstation; pack of 960	992012
Tips RP, 200 µl (960)	Disposable tips for the BioRobot RapidPlate workstation; pack of 960	992022
Tips RP, 100 µl (5 x 960)	Stacking disposable tips for the BioRobot RapidPlate workstation; 5 stacks of 960	992114
Tips RP, 200 µl (5 x 960)	Stacking disposable tips for the BioRobot RapidPlate workstation; 5 stacks of 960	992124
Tips RP, 100 µl, sterile (960)	Disposable tips for the BioRobot RapidPlate workstation; pack of 960 (sterile)	992412
Tips RP, 200 µl, sterile (960)	Disposable tips for the BioRobot RapidPlate workstation; pack of 960 (sterile)	992422
Tips RP, 100 µl, sterile (5 x 960)	Stacking disposable tips for the BioRobot RapidPlate workstation; 5 stacks of 960 (sterile)	992514
Tips RP, 200 µl, sterile (5 x 960)	Stacking disposable tips for the BioRobot RapidPlate workstation; 5 stacks of 960 (sterile)	992524
Filter-Tips RP, 80 µl, sterile (960)	Disposable filter-tips for the BioRobot RapidPlate workstation; pack of 960 (sterile)	992612

Product	Contents	Cat. no.
Filter-Tips RP, 150 µl, sterile (960)	Disposable filter-tips for the BioRobot RapidPlate workstation; pack of 960 (sterile)	992622
Caps for Elution Microtubes (55 x 8)	Nonsterile polypropylene caps for Elution Microtubes CL, 440 in strips of 8, for PAXgene™ 96 procedures	1030481
Disposable Troughs, 30 ml (10)	Nonsterile, plastic, disposable troughs for PAXgene 96 procedures on the BioRobot MDx workstation, 10 troughs	9232764
Elution Microtubes CL (1 x 96)	Nonsterile polypropylene tubes (0.85 ml maximum capacity, less than 0.7 ml storage capacity, 0.4 ml elution capacity); 96 in a rack for PAXgene 96 procedures	1030483
PAXgene 96 Incubator Block	Block for denaturation of eluates in PAXgene 96 procedures	9238279
BioSprint 15 Plasticware (130)	26 x 5-Rod Covers and 130 x 5-Tube Strips for use with the BioSprint 15	1030058
Large 96-Rod Cover (16)	16 x Large 96-Rod Covers for use with the BioSprint 96	1031668
96-Well Microplates MP (20)	96-well microplates, 20 per case	1031656
S-Blocks (24)	96-well blocks with 2.2 ml wells, 24 per case	19585
Starter Pack, QIAcube	Pack includes: Reagent Bottle Racks (3); Rack Labeling Strips (3); 200 µl Disposable Filter-Tips (8 x 128); 1000 µl Disposable Filter-Tips (8 x 128); 30 ml Reagent Bottles (18); Rotor Adapters (120); Rotor Adapter Holder	990395
Disposable Filter-Tips, 200 µl (1024)	Sterile, Disposable Filter-Tips, racked; (8 x 128); for use with the QIAcube	990332
Disposable Filter-Tips, 1000 µl (1024)	Sterile, Disposable Filter-Tips, racked; (8 x 128); for use with the QIAcube	990352
Reagent Bottles, 30 ml (6)	Reagent Bottles (30 ml) with lids; pack of 6; for use with the QIAcube reagent bottle rack	990393
Reagent Bottle Rack	Rack for accommodating 6 x 30 ml reagent bottles on the QIAcube worktable	990390
Rack Labeling Strips	Identification strips for the QIAcube reagent bottle rack	990391

Product	Contents	Cat. no.
Rotor Adapters (10 x 12)	For 120 preps: 120 Disposable Rotor Adapters; for use with the QIAcube	990394
Rotor Adapter Holder	Holder for 12 disposable rotor adapters; for use with the QIAcube	990392

For further information: www.qiagen.com/PG/automation