

QIAcube[®] HT

Mid- to high-throughput nucleic acid purification in 96-well format



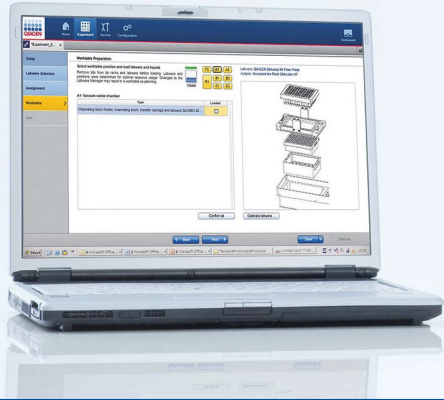
Legal disclaimer

The QIAcube HT is intended for molecular biology applications. This product is not intended for the diagnosis, prevention or treatment of a disease.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit instructions for use or user operator manual. QIAGEN instructions for use and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services (or your local distributor).



What is QIAcube HT?



Small* laptop-operated
benchtop instrument ...



With built-in protocols, ...



In a 96-well format, ...



Using dedicated kits
for DNA, RNA and miRNA
purification from various
sample types[†]

* 54 x 45 x 63 cm (21 x 18 x 25 in).

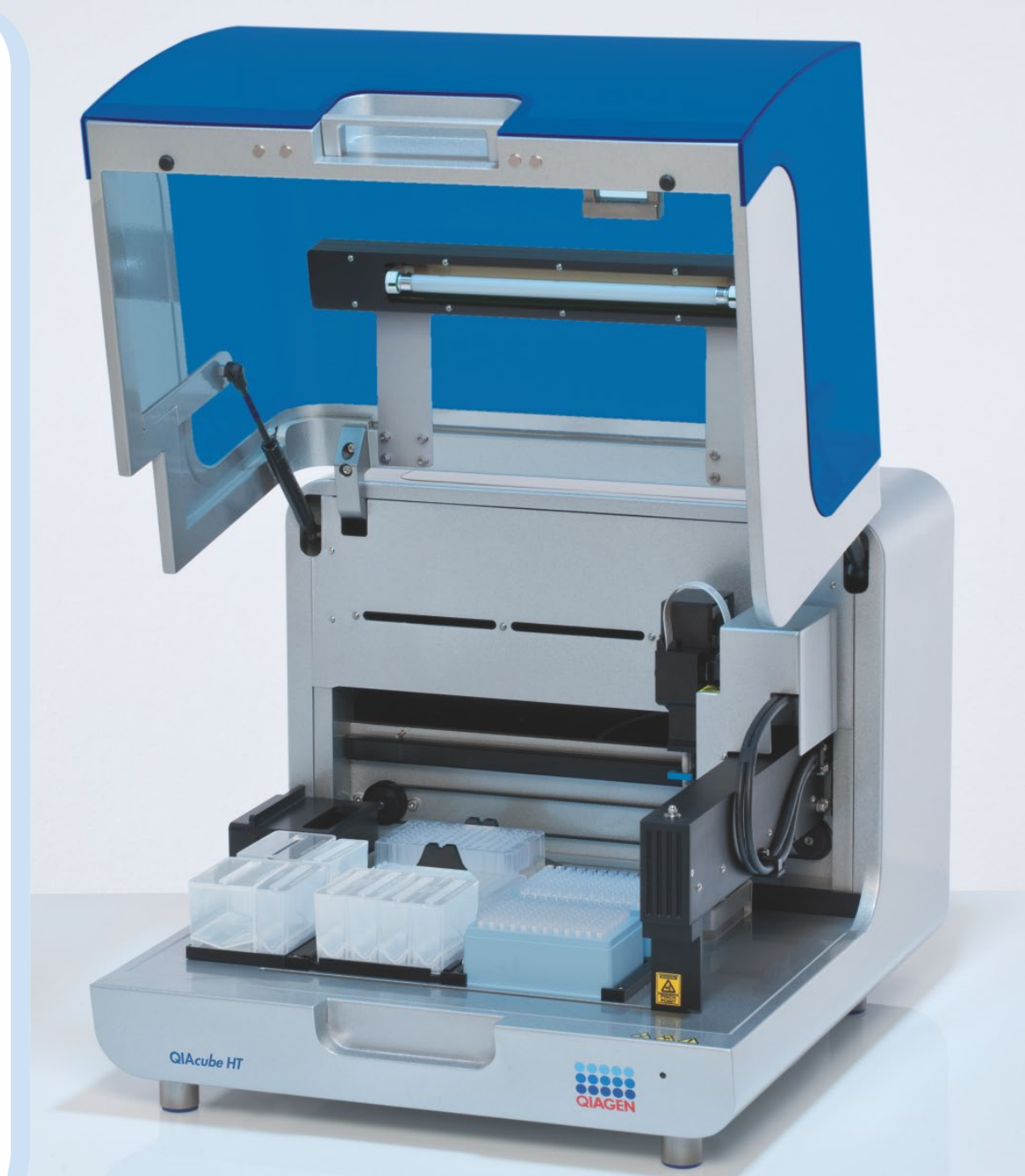
[†] For non-standard samples or requirements, customized solutions are available, supported by QIAGEN Application Lab specialists.

What does it do?



- Purifies DNA, RNA and miRNA from almost any type of sample*
- Uses UV light and HEPA filter to help ensure process safety
- Processes 24–96 samples in 45–96 minutes
- Reduces waste with tip reuse

* Using dedicated QIAcube HT Kits.



Dedicated kits for DNA, RNA and miRNA purification from various sample types



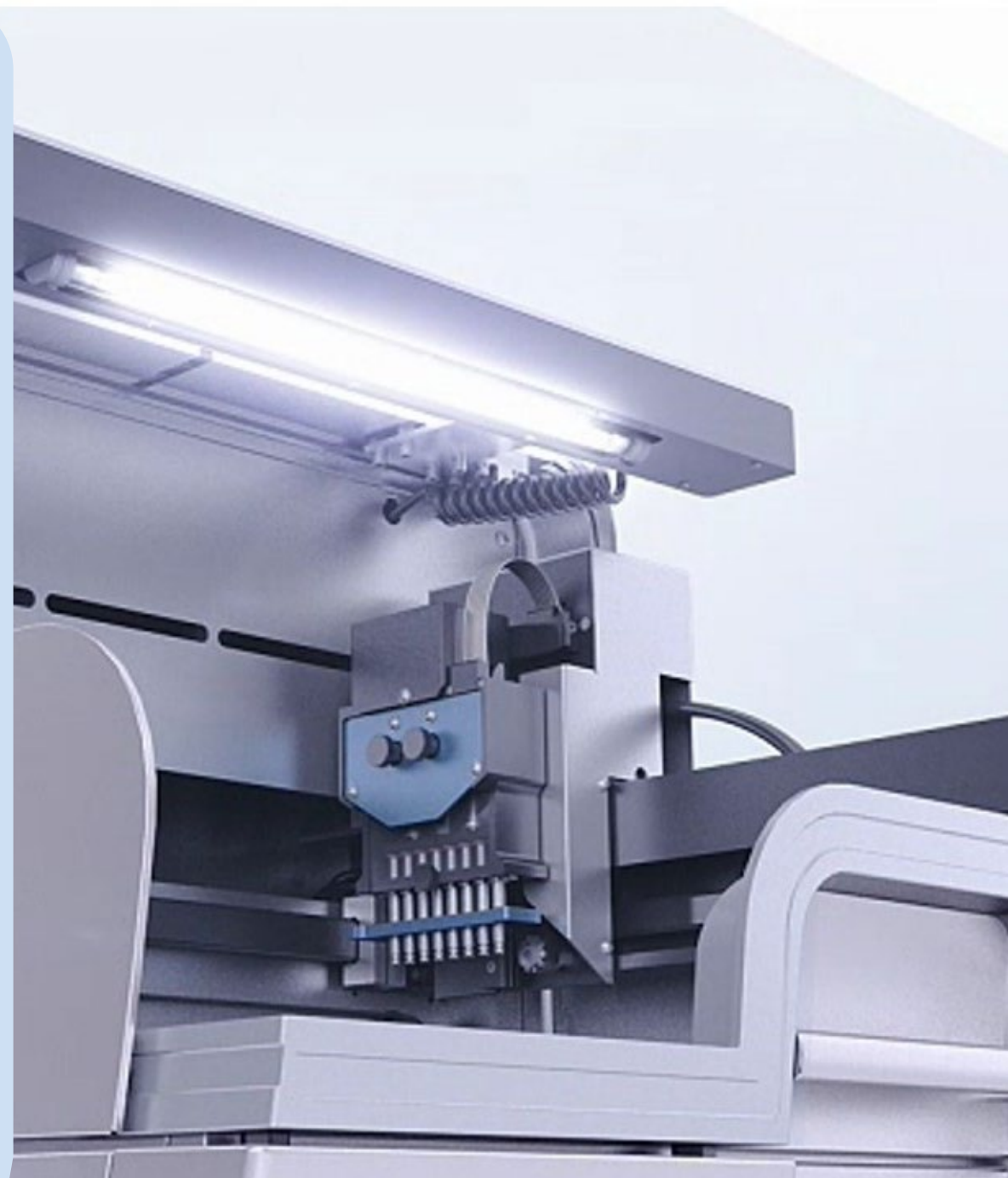
Kit	Sample type	Input	Elution/Elution volume*	Applications
QIAamp® 96 DNA QIAcube HT Kit (5)	Fresh, frozen or treated blood, cells and tissue samples	Blood: up to 200 µl Cells: up to 5 x 10 ⁶ cells Tissues: up to 20 mg; 10 mg for spleen, liver, or lung tissue	Total DNA/200 µl	<ul style="list-style-type: none"> Life science research Genotyping Livestock breeding Routine applied testing Cancer research Human genetic testing research Southern blot analysis
QIAamp 96 PowerFecal Kit (5)	Stool samples	Up to 200 mg fresh or frozen stool	Host and bacterial DNA/100 µl	<ul style="list-style-type: none"> Microbiome research Cancer research Infectious disease and metabolic research
QIAamp 96 Virus QIAcube HT Kit (5)	Fresh or frozen tissues, swabs, blood and other body fluids	Body fluids: up to 200 µl Tissues: up to 20 mg	Viral RNA and DNA/100 µl	<ul style="list-style-type: none"> Downstream PCR, qPCR and RT-PCR analyses Infectious disease research Blot analysis
DNeasy® 96 PowerSoil Pro QIAcube HT Kit (5)	Soil and stool samples	Soil: up to 250 mg Stool: up to 200 mg	DNA/120 µl	<ul style="list-style-type: none"> Next-generation sequencing (16S and whole genome) Digital PCR, PCR and qPCR
miRNeasy® 96 Advanced QIAcube HT Kit (5)	Serum or plasma samples	Up to 200 µl of serum or plasma	Total RNA, including miRNA/80–100 µl	<ul style="list-style-type: none"> Cancer research Life science research Gene expression analysis
RNeasy® 96 QIAcube HT Kit (5)	Animal and human cells and tissue samples	Cells: up to 5 x 10 ⁶ cells Tissues: up to 40 mg	Total RNA, including miRNA/110 µl	<ul style="list-style-type: none"> Downstream RT-PCR and qRT-PCR analyses Gene expression analysis Microarray analysis Northern blot analysis Studies of biomarkers, gene regulation, neurological disorders and cardiovascular diseases cDNA synthesis

* Default.

Process safety

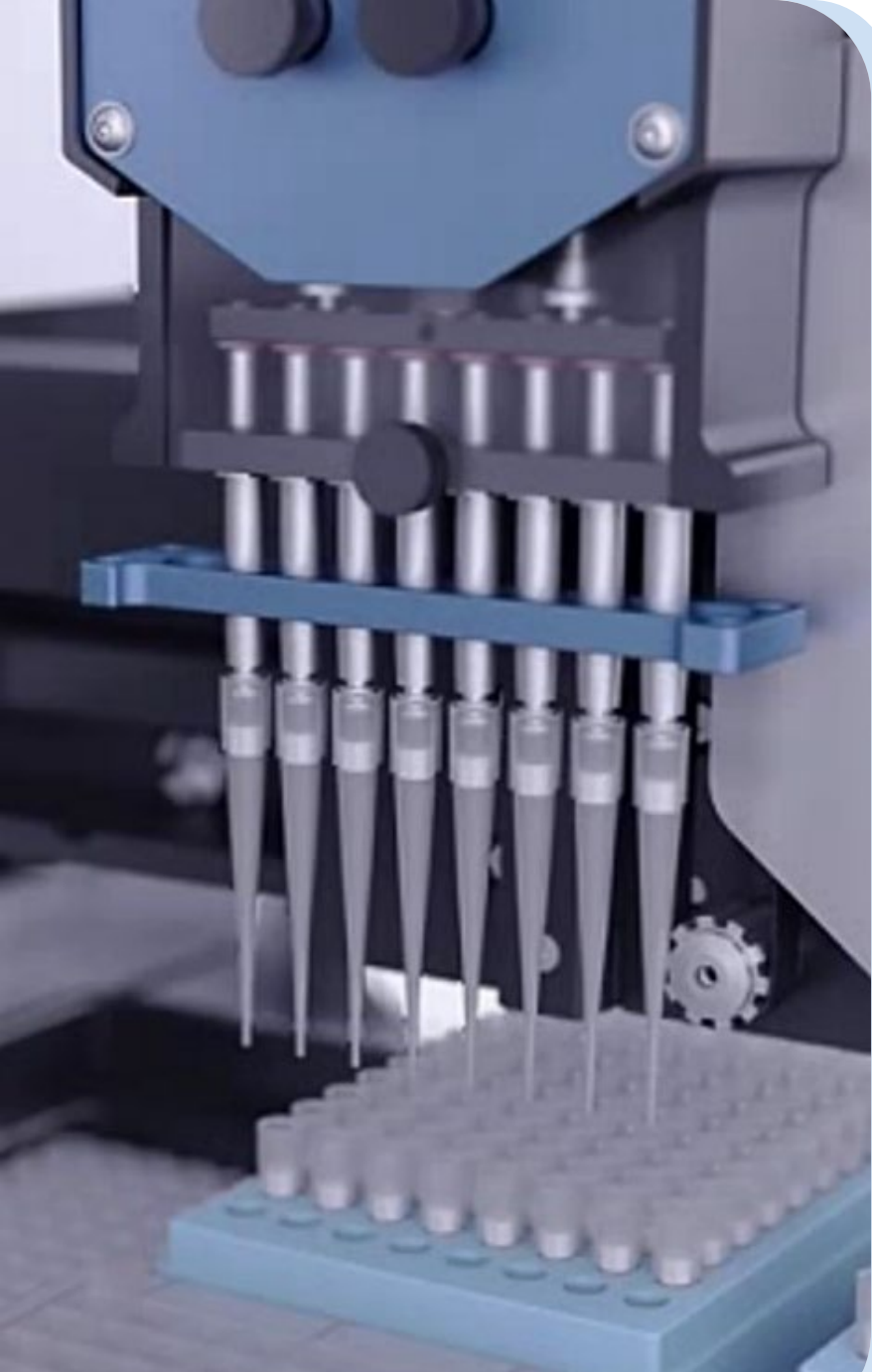


- UV light decontaminates the worktable and helps prevent cross-contamination.
- A HEPA filter protects samples from airborne contamination.
- A built-in sensor protects users by automatically pausing all movement in the instrument when the hood is opened.
- A disposable plastic box at the side of the instrument receives used tips ejected through the tip-disposal chute.



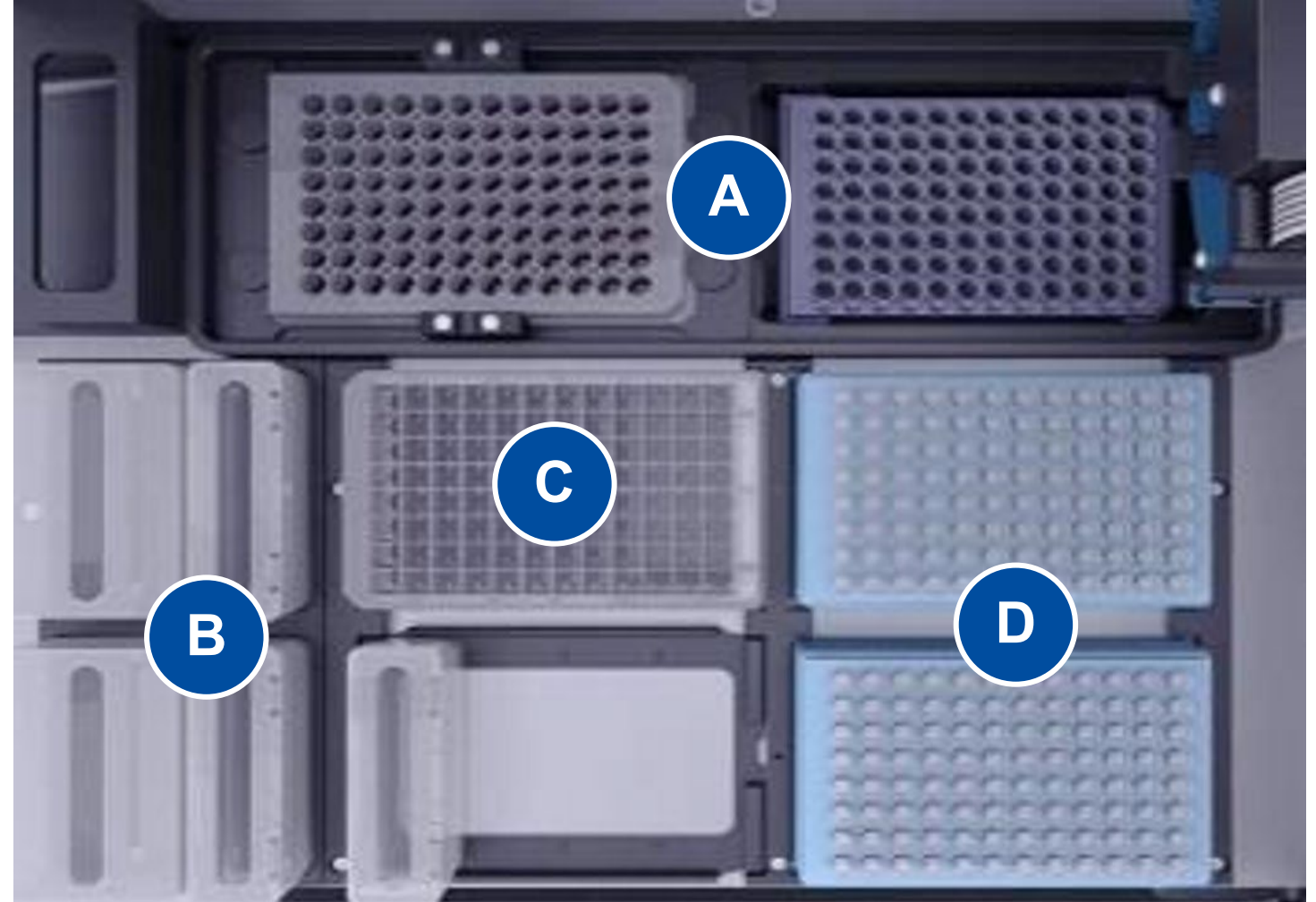
Reduced plastic usage

- The same tips are used for lysis buffer transfer and for sample transfer to the filter plate
- Tip reuse reduces plastic usage and saves on costs



The QIAcube HT worktable

- A. Vacuum chamber with filter plate (left) and elution microtubes (right)
- B. Reagent trough/tubs for buffers
- C. S-block with 96-sample capacity
- D. Filter-tip racks (96 tips per rack)



Ordering information



Product	Description	Cat. no.
QIAamp 96 DNA QIAcube HT Kit (5)	For 480 preps: Isolation of total DNA from blood, cells, and tissues	51331
QIAamp 96 PowerFecal Kit (5)	For 480 preps: Purification of genomic DNA from fresh or frozen stool samples that are high in PCR inhibitors	51531
QIAamp 96 Virus QIAcube HT Kit (5)	For 480 preps: Purification of viral RNA and DNA from a variety of samples	57731
DNeasy 96 PowerSoil Pro QIAcube HT Kit (5)	For 480 preps: Isolation of microbial genomic DNA from all soil types	47021
miRNeasy 96 Advanced QIAcube HT Kit (5)	For 480 preps: Purification of total RNA, including miRNA, from serum and plasma samples	217261
RNeasy 96 QIAcube HT Kit (5)	For 480 preps: Isolation of RNA from animal and human cells and tissue	74171

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