

Pipetting Robot QIAgility with UV and HEPA

Description

The QIAgility is a compact benchtop instrument that enables fast, high-precision PCR setup. For added flexibility and ease of use, the QIAgility is designed to support nearly all tube and plate formats, including 96-well and 384-well plates, as well as Rotor-Discs® for Rotor-GeneQ.

The QIAgility is operated via a computer with user-friendly software.

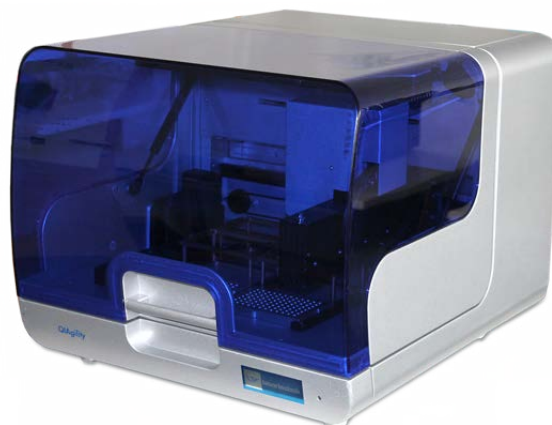
The single-channel pipetting head handles liquid handling and enables rapid transfer of liquids using various types of plastic vessels. For example, 96 samples can be prepared with the QuantiFast SYBR Green PCR Kit using two standard series in approximately 45 minutes.

The workbench features a flexible layout and supports almost all types of cyclers and laboratory equipment, enabling a wide range of applications. The dynamic liquid level sensor, supported by conductive filter tips, provides maximum safety control.

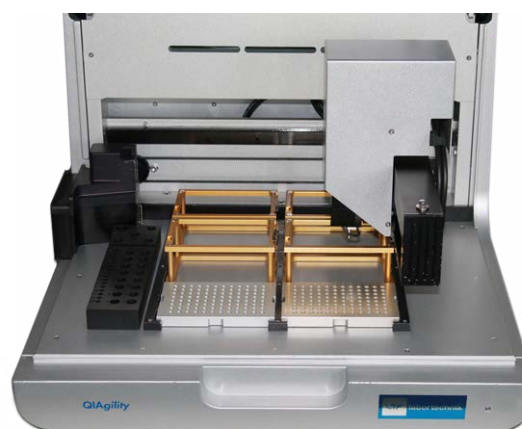
A built-in sensor ensures that the device pauses if the hood is opened during a run, protecting the user from moving parts. The UV light ensures effective decontamination of the workbench, and the HEPA filter maintains positive clean air pressure throughout the entire PCR setup.

QIAgility is a compact, benchtop instrument with a very small footprint. It fits easily on most lab benches and can be readily used in biosafety-level laboratories.

To reduce your workload, comprehensive run reports with all run information are automatically generated during each protocol.



QIAgility closed



QIAgility example workbench interior

Specifications

- Automated PCR setup in almost all formats
- Convenient, easy-to-use software
- Standardized results and increased productivity
- Elimination of manual pipetting steps
- Seamless integration with QIAGEN sample technologies
- Liquid level sensing

Pipetting Robot QIAgility



Technical Data

Pipetting head	Single channel
Volume range	1 – 200 µl
Detection of liquid levels	The pipette modules automatically detect the liquid level.
Max. capacity	12 positions, (SBS format)
Dimensions without cable (H x W x D)	QIAgility closed: 450 x 540 x 630 mm Lid open: 860 x 540 x 630 mm
Capacity	6 x SBS positions (127.76 x 85.48 mm) for adapter and tip racks, 1 x Master Mix block, 1 x reagents block
Precision	CV <1%, 5–200 µl (dry-well transfer) CV <5%, 2–5 µl (wet-well transfer) CV <10%, 1 µl
Temperature	Operating temperature 15–30 °C
Tip ejection	All used tips are ejected to the outside.
UV Lamp	Pre-installed UV lamp for decontaminating the work table
HEPA filter	The pre-installed HEPA filter system with two cartridges ensures clean air within the enclosed hood.
Humidity	Humidity during operation: 40–70%
Data transfer	USB and RS232
Software	Supplied with unlimited user license.
Power supply	100–240 V AC, 250 VA, 50–60 Hz
Weight	41 kg



- 1/2/3 Accessory ports
- 4 RS-232 serial port
- 5 USB port
- 6 Power socket for additional devices
- 7 Power connector
- 8 ON / OFF switch

Connections on the back of the QIAgility.