

Prelaunch information

QIAxpert® – True Revelation

The QIAxpert system is a new high-speed spectrophotometer that uses traditional UV/VIS spectrometry to provide accelerated micro-volume DNA, RNA, and protein quantification and quality control. Proprietary spectral protocols enable content profiling by extracting the contribution of individual sample components and differentiating between DNA, RNA, and protein fractions and sample impurities. The QIAxpert system is ideal for any life science lab demanding maximal accuracy for sample quantification.

The QIAxpert system provides:

- Nucleic acid quantification of up to 16 samples in as little as 90 seconds
- Ability to discriminate between molecules of interest using unique spectral protocols
- Specific quantification of DNA, RNA, and other contaminating fractions
- Intuitive operation via the full-color integrated touchscreen
- Comprehensive reports that can be viewed on any computer

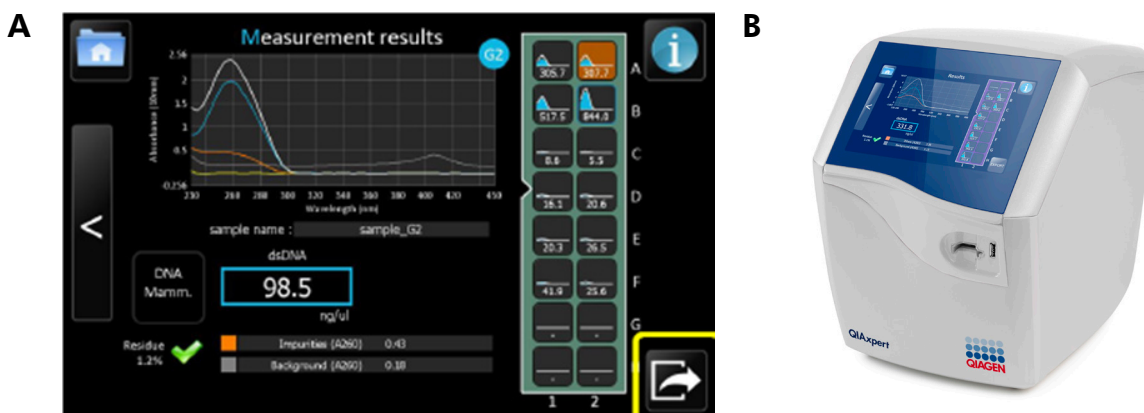


Figure 1. [A] Screenshot showing result from DNA quantification and quality measurement.

[B] QIAxpert instrument with micro-volume slides for easy sample loading.

QIAxpert slides

QIAxpert slides are constructed from advanced technical plastics that allow high optical transmission over the full UV/VIS spectrum with a high accuracy. On-board capillary channels preserve the samples after pipetting and prevent evaporation, so samples can be loaded and left at room temperature for up to 2 hours prior to readout.



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Table 1. QIAxpert system technical specifications.

Specification	Detail
Type	UV/VIS polychromatic system + reference channel
Optical principle	Ultrasensitive photodiode array spectrometer for UV-VIS range
Light source	Xenon flash lamp
Wavelength range	230–750 nm
Wavelength resolution	<3 nm
Wavelength accuracy	0.5 nm
Wavelength reproducibility	0.1 nm
Photometric range	0.0005–2.0 OD
Absorbance precision	0.003 OD
Data output	USB, direct print, or TCP/IP
Power supply	110–240 V, 50/60Hz (Operating voltage 24 VDC)
Size	(W) 23 x (L) 30 x (H) 28 cm
Weight	9 kg
QIAxpert Slide-40	OD range: 0.03–40 OD (10 mm equivalent)

Ordering Information

Product	Contents	Cat. no.	Price
QIAxpert system	QIAxpert instrument, including 1 year warranty on parts and labor	9002340	Inquire
QIAxpert Slide-40	25 slides for analysis of 400 samples	Inquire	Inquire

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

Learn how to get true insight into your sample quality at www.qiagen.com/p/QIAxpert!

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Sample & Assay Technologies