

genesig® q16 and q32
Real-Time PCR Instruments



PRIMER
DESIGN

The genesis® q32 Instrument and genesis® q16 Instrument are Real-Time Nucleic Acid Amplification and Fluorescence Detection Systems available for Research Use Only.

The genesis q32 Real-Time PCR Instrument Provides Fast Diagnostic Results

Efficient Heating and Cooling Makes the q32 Fast Enough to Meet your qPCR Needs

The q32 Instrument allows analysis of up to 32 reactions in either single tube, strip tube or our 32 well magazine format. The powerful genesis®q32 software is easily installed onto any PC or Mac. The q32 Instrument can be used together with dedicated Primerdesign reagents including our genesis® kits.

- ✓ Rapid DNA and RNA analysis
- ✓ Quick start templates provide straight forward set up, editing of samples and data analysis
- ✓ A wide range of Primerdesign reagents including genesis® kits for human, vet, and food pathogens, as well as food speciation testing
- ✓ 30 samples per run, alongside 1 positive and 1 negative control

The genesis q16 Real-Time PCR Instrument Provides Portable, Streamlined Testing

Making Real-Time PCR Accessible to Everyone, Everywhere

Many researchers and scientific experts require simple and fast instrumentation to support testing needs. The q16 Instrument can be used in a variety of settings, providing on-site testing capability to enable faster turnaround times from sample extraction to result. The q16 Instrument is the optimal tool for your qPCR testing and analysis needs.

- ✓ Minimal footprint, compatible with small workspaces, and easily portable, weighing just 2 kg
- ✓ Detection kits available for numerous applications such as pathogen identification but also food speciation, or veterinary targets
- ✓ Automatic data analysis and interpretation
- ✓ 14 samples per run, alongside 1 positive and 1 negative control

**Incredibly
easy
to use**



genesig q32 System - Where Design Meets Technology

Our q32 System accommodate up to 32 reactions, using single 0.1ml tubes or 8-strip tube format.

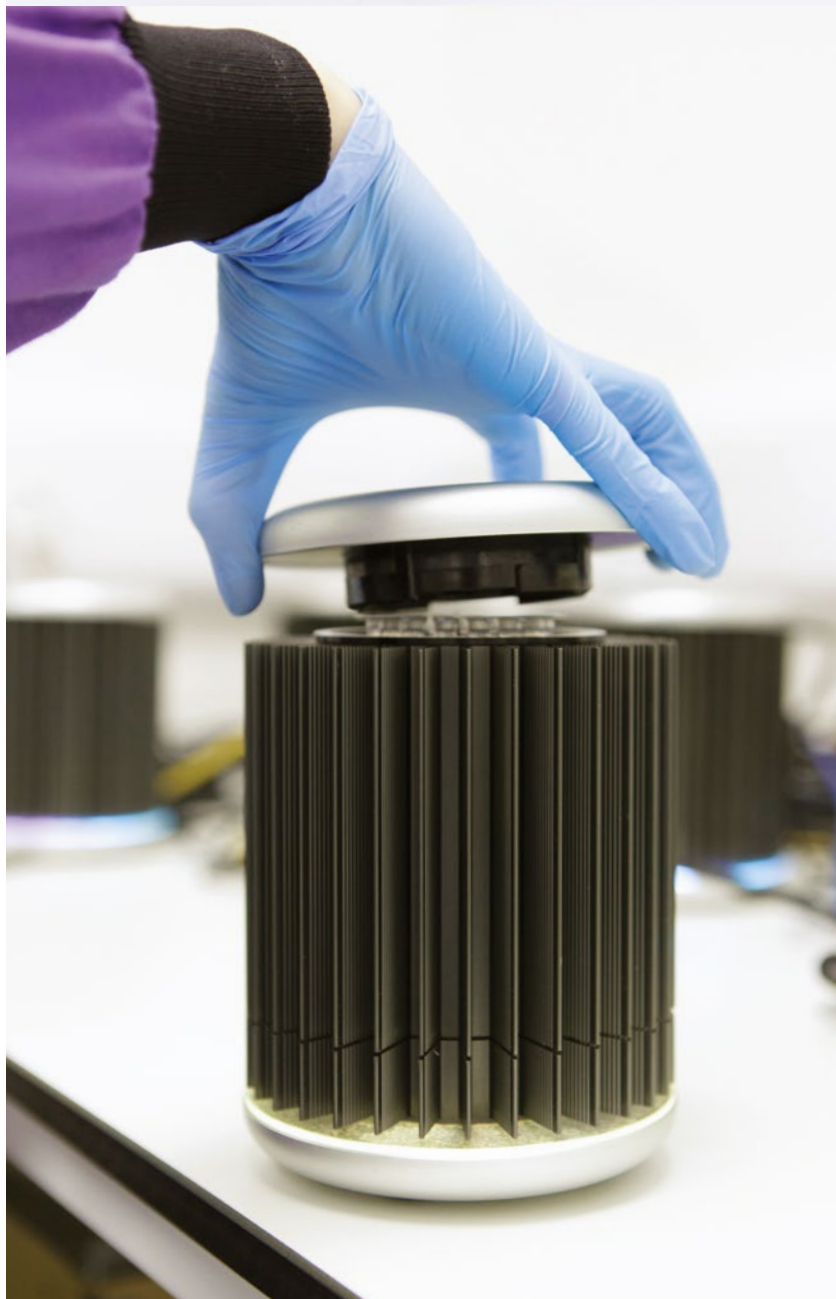
Fast heating and cooling is achieved by utilizing robust peltier elements, whilst assay performance is supported further by the heated lid. The q32 is a multi-channel instrument, capable of running multiplex assays.



genesig q16 System - The q16 System Brings Affordable qPCR Testing Closer to the End User

The q16 System delivers a highly portable design in an instrument for diagnostics testing that weighs just 2 kg, and is capable of starting a programme from a USB flash drive, as an alternative to the standard software. Drawing on decades of qPCR instrument design experience, the q16 is the professional choice for powerful DNA and RNA testing.

In addition to our growing Human portfolio of test options, the q16 System can be used for detection and quantification of a wide range of targets including veterinary, aquaculture and food pathogenic profiles.



genesig® q16/32 Software

Our instrument software is delivered and easily installed from a USB flash drive. When installed in a network, the software can control several instruments connected via LAN. The powerful and easy-to-use software provides the following features:

- ✓ Quick start templates for all genesig® kit applications
- ✓ Straightforward setup and editing of sample and target information
- ✓ Compatible with Windows, Mac & Linux systems
- ✓ Instrument start from a USB flash drive, using pre-programmed settings
- ✓ Data export functions
- ✓ Free software upgrades

Catalogue Numbers

Product Description	Pack Size	Catalogue No.
genesig® q32 Real-Time PCR Instrument	1	Z-genesig-q32
genesig® q16 Real-Time PCR Instrument	1	Z-genesig-q16

Full Technical Training and Support

As part of all instrument purchases, our technical support team will be available to assist with the initial setup, training, and the ongoing support of the system. Training can be arranged with the technical team either in-person or remote. All training is carried out free of charge by the tech support team. We don't stop here; from the start of your testing to the end, we offer you full technical support to assist in keeping you on track in your testing environment.

Specifications Overview

Specifications	genesig® q16 Real-Time PCR Instrument	genesig® q32 Real-Time PCR Instrument
Dimensions	16 x 12cm x 12cm	24 x 27cm x 23cm
Weight	2kg	7kg
Number of Reactions	16	32
Run Time	< 2 hours	< 2 hours
Multiplex Capability	Duplex	Multiplex
Operating Noise	Silent	< 40 dB(A)

PRIMER
DESIGN

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Primerdesign Ltd



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