GeneXpert® Infinity Systems
The Most Automated Complete Molecular Diagnostic Systems
INNOVATION
Engineered to fit you

The GeneXpert® Infinity Systems are the latest advancement in Molecular Diagnostics Total Automation. The epitome of platform consolidation, they enable a comprehensive menu of tests to be run on a single system, by a single operator, in a moderately complex, real-time environment. With two sizes to choose from, Cepheid’s unique cartridge technology, and exclusive “load and go” capability, the GeneXpert Infinity provides maximum flexibility in system placement, staffing, and menu availability.

- Conveyor loading zone handles up to 4 cartridges simultaneously
- GeneXpert Infinity-48s
- Ergonomic, adjustable touchscreen
- Fast, efficient sample scanner
- Accumulator positions allow you to “load and go”
- System can be configured using 8-packs of modules to meet throughput and capacity needs.
- Smart waste disposal doesn’t interrupt operation
- Robotic gantry optimized to handle any workload
The United States Postal Service Biohazard Detection System has run over ten million environmental GeneXpert tests without a single false positive.

**FACT.**

**ACCURACY**

Responsible testing demands proven technologies. With more than 10 million environmental Anthrax tests run without a single false positive, no other molecular system has a proven track record that can compete with the GeneXpert System.

**SPEED**

The GeneXpert® Infinity doesn’t need you to keep it company. By automating every aspect, it maximizes the efficiency and resource optimization in your lab. Just scan a GeneXpert® cartridge into the system, load it, and our Xpertise™ software takes care of the rest. Runs can be prioritized and time-to-results identified, all from a single touchscreen. The Infinity is also amazingly flexible. Run single patient samples as they arrive or in batches. You choose what’s optimal for your workflow, or workload — with the capability of over 2,000 tests per day. The Xpertise software interfaces with any Laboratory Information or Hospital Information System network, delivering real-time answers.

**SIMPLICITY**

Ten years of focused R&D investment is behind the GeneXpert® Infinity System. With its exclusive “load and go” technology, the Infinity couples total walkaway operation with complete random access availability. It’s the ultimate automated molecular solution for your core laboratory that will have lasting impact on lowering costs and improving patient care throughout your hospital.
BOTTOM LINE

What happens when LEAN principles meet cutting-edge innovation and design? You maximize results per square foot and gain efficiencies that extend beyond the four walls of your laboratory.

The GeneXpert Infinity is an investment that pays you back. The modular design and high throughput capability keep testing costs low while reducing maintenance and maximizing uptime. And the diagnostic accuracy of the Infinity means you’ll shrink risk while strengthening the most important bottom line of all: the health of your patients.

To see our full GeneXpert family, visit www.cepheid.com
Specifications

SYSTEM

Infinity
Automated, multi-mode molecular diagnostic analyzer for on-demand access processing of real-time PCR-based clinical diagnostics.

Number of Modules

Infinity-48s: 16, 24, 32, 40, 48

Infinity-80: 16, 24, 32, 40, 48, 56, 64, 72, 80

Reagents
Cepheid test-specific, ready-to-use, barcoded kit

SAMPLE

Test Throughput (theoretical max)

Infinity-48s: 1,300 in 24 hours

Infinity-80: 2,300 in 24 hours

Walk-Away Capacity

Infinity-48s: 119 samples per Infinity
(48 loaded in modules, 48 queued, 19 conveyor, 4 shuttle)

Infinity-80: 183 samples per Infinity
(80 loaded in modules, 80 queued, 19 conveyor, 4 shuttle)

QC Method
GeneXpert® test includes internal controls to monitor sample, processing and performance.

Sample Barcode Type
Code 128, Code 39

ELECTRICAL REQUIREMENTS

Power Requirements
Line Voltage: 200 – 240 VAC, 20A
Frequency: 50 Hz – 60 Hz +/- 0.5%

Power Consumption
Max Current 16 Amps @ 200 VAC

ENVIRONMENTAL REQUIREMENTS

Operating Temperature:
15 – 30°C

Ambient Humidity:
10% – 95% RH, non-condensing

Heat Output:
Maximum 530 W/hr or 450 Kcal/hr

Noise Output:
< 69 dB

PHYSICAL

Dimensions
Infinity-48s: 85” L x 35” W x 78.5” H

Infinity-80: 108” L x 35” W x 78.5” H

Weight
Infinity-48s: 1,600 pounds = 725.7 kg

Infinity-80: 2,100 pounds = 954.5 kg

The purchase of this product allows the purchaser to use it for the performance of diagnostic services for human in vitro diagnostics. No general patent or other license of any kind other than this specific right of use from purchase is granted hereby. No other rights are conveyed expressly, by implication or estoppel to any other patents. Furthermore, no rights for resale are conferred with the purchase of this product.

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