

Automated nucleic acid extraction and PCR setup ...



... from various specimens for flexible processing of up to 96 samples

GenoXtract® 96 and our innovative extraction reagents allow for an automated extraction of bacterial, viral and human nucleic acid from various specimens. The instrument applies an extraction method based on the “magnetic bead technology”. After extraction an automated PCR setup can be performed directly into the PCR plate. Hence, **GenoXtract® 96** is the ideal solution for high performance sample preparation in your molecular laboratory.

Your benefits with GenoXtract® 96

- Versatile and flexible processing for various downstream applications
- Primary sample tube management
- Fully flexible from one to 96 samples
- PCR setup using different master mixes in one run
- Best performance with innovative technology
- Secure sample processing
- Safe and comfortable conditions
- Reliable data management through LIMS connection



Automated extraction of bacterial, viral and human nucleic acid

Nucleic acids are the starting point for any molecular genetic analysis and must first be extracted from the sample material. High quality of the extracted nucleic acids is crucial for any molecular diagnostic.

GenoXtract® 96 and the **GXT96 X3 Extraction Kit** enable high performance extraction and PCR setup from various specimens.

Versatile and flexible processing for various downstream applications

The instrument allows processing of various sample types using only one extraction kit and offers fully flexible handling from one to 96 samples. After extraction an automated PCR setup using even different master mixes can be performed directly into the PCR plate.

Best performance with innovative technology

The nucleic acid extraction based on a "magnetic bead technology" enables top-quality sample preparation. This ensures high yield and purity of the extracted nucleic acids and reliable results afterwards.

Secure sample processing

The use of filter tips and sample controlling by liquid level detection and clot detection guarantees high safety standards.

Safe and comfortable conditions

An integrated UV lamp, HEPA filter and internal lighting ensure safe and comfortable working conditions and minimize risk of contamination.

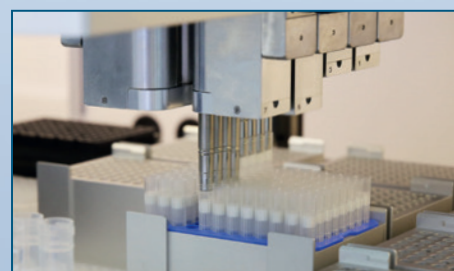
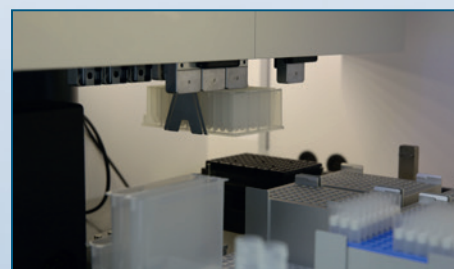
Reliable data management

Sample information can be imported with the integrated barcode scanner and transferred to the internal LIMS.



Specifications

Number of samples	up to 96
Pipetting channels	8
Pipetting method	micro piston pump with air displacement
Pipetting volume	10–1000 µl
Sample control	liquid level detection, clot detection
Contamination control	HEPA filter, integrated UV lamp
Barcode scanner	Tube-ScanX LR, readable codes: Code 128, Code 39, Codabar, 2/5 Interleaved, Code 93
Thermo shaker	Thermo Shaker X ELM, 200–3000 rpm
Power supply	100–240 V AC, 50/60 Hz
Communication	RS-232, USB 2.0, LAN (RJ-45)
Software	Wizard-based instrument software
Operating system	Windows Embedded Standard 7
Dimensions closed	112.3 × 77.4 × 82.5 cm (W × H × D)
Dimensions open	112.3 × 115.0 × 127.4 cm (W × H × D)
Weight	approx. 140 kg



For further information please contact Hain Lifescience or your local distributor!

Hain Lifescience GmbH

Hardwiesenstrasse 1 | 72147 Nehren | Germany

Tel.: +49 (0) 74 73- 94 51- 0 | Fax: +49 (0) 74 73- 94 51- 31

E-Mail: info@hain-lifescience.de | www.hain-lifescience.de



A Bruker Company