



## CheckExtractor™

Automated DNA Extraction and  
PCR Setup for your advanced  
workflow management

# Enhanced DNA Extraction and PCR Setup



The CheckExtractor™ is a fully automated system for DNA extraction from patient samples and the subsequent preparation steps necessary for PCR-based diagnostic tests. Especially designed for the use with the oCheck® products from Greiner Bio-One, e.g. PapilloCheck® and PapilloCheck® high-risk, it offers a maximum in reliability, a high throughput combined with a marginal hands-on time.

## DNA Extraction

The CheckExtractor™ is designed for the purification of viral, bacterial and human genomic DNA from cervical samples of human origin. The cells in the sample are rapidly lysed using heat. Appropriate conditions are created by the oCheck® DNA Extraction Kit for binding of nucleic acids to magnetic beads and the subsequent washing procedure.

The procedure yields highly purified DNA which is ready for further processing.

## PCR Setup

After extraction, the sample is prepared for PCR. The innovative software design allows both DNA extraction and PCR setup to be conducted separately or in conjunction depending on the users requirements. Hence, following the DNA extraction the PCR setup may start at any later time point. This flexibility offers maximum efficiency in sample processing.

### CheckExtractor™ Specifications

Features	DNA extraction and PCR setup on one platform Integrated heater shaker for heat lysis Barcode tracking of samples and reagents Magnetic bead separation technology Parallel operation of eight pipetting-channels Easy-to-use graphical user interface Prepared for LIMS-communication
Capacity	48 or 96 Samples per run, up to 192 samples per day
Sample Volume	Less than 1 ml
Dimensons (W x H x D)	1124 x 903 x 795 mm

# CheckExtractor™ Benefits

## Increase your laboratory's productivity



- Double your daily sample throughput when compared with a manual extraction method. Process up to 192 samples per day.
- Tenfold reduction in hands-on time compared with a manual extraction method
- Ease of use allows multiple end users to be trained which supports holiday replacement, job rotation and division of work

## Increase your process reliability



- Increased process reliability due to precise automated pipetting
- Eliminates mistakes due to repetitive processes
- Increased sample and process integrity due to automated sample tracking via barcodes

## Improve your workflow



- Automatic work list creation for PCR setup
- PCR setup is a separate task which allows reruns without repeating the DNA extraction
- Intuitive software and step by step on-screen guide leads you through the entire process.

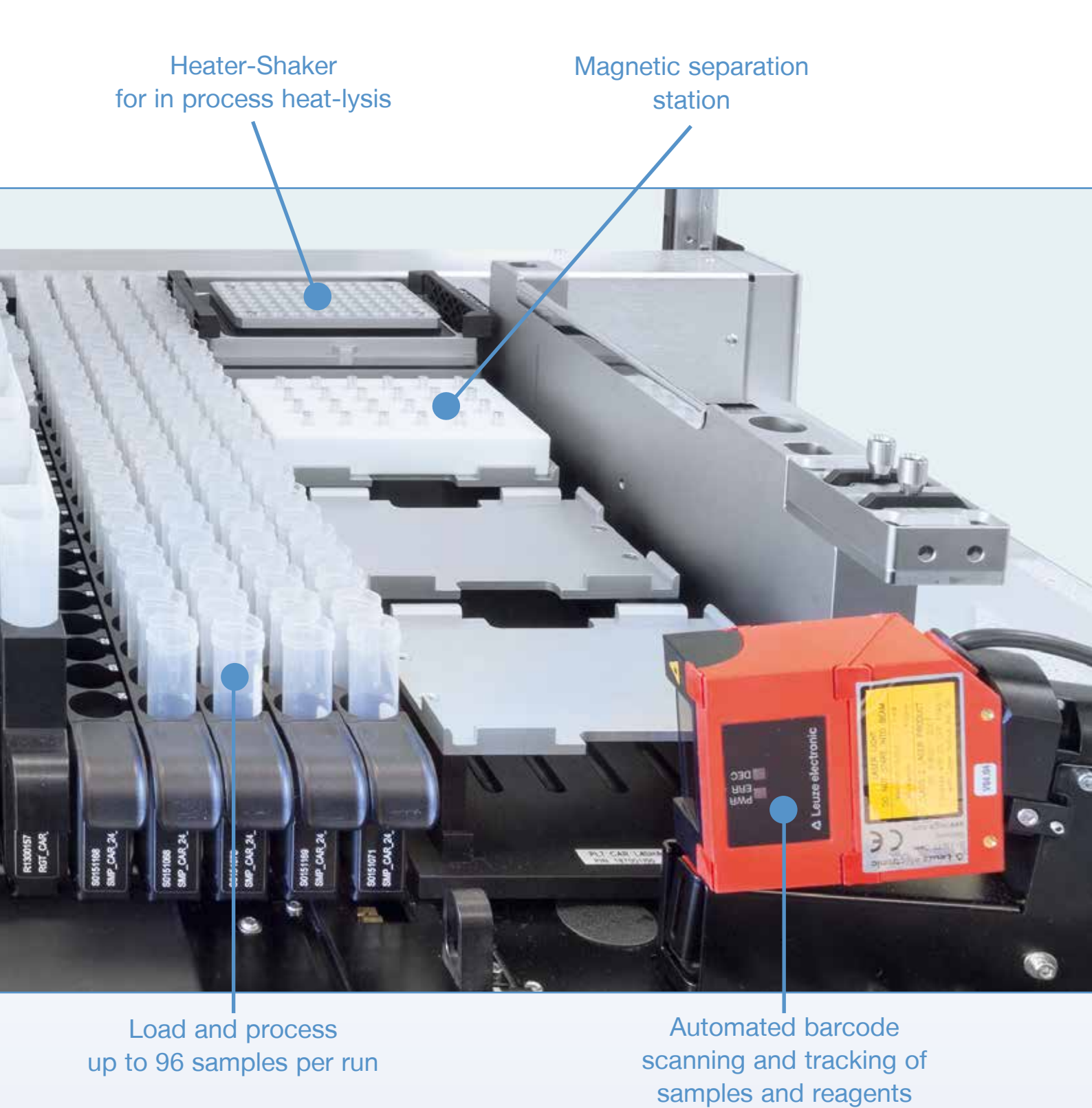
# Innovative Interior



Intelligent tip picking and  
simultaneous operation  
of eight channels

Cat.-No.	865 070	515 070
Description	CheckExtractor™	oCheck® DNA Extraction Kit - CheckExtractor™





Cat.-No.	465 088	505 088
Description	PapilloCheck® Kit for 288 analysis	PapilloCheck® high-risk Kit for 288 analysis



For further information, please visit our website [www.gbo.com](http://www.gbo.com) or contact us:

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