

CroBEE[®] max

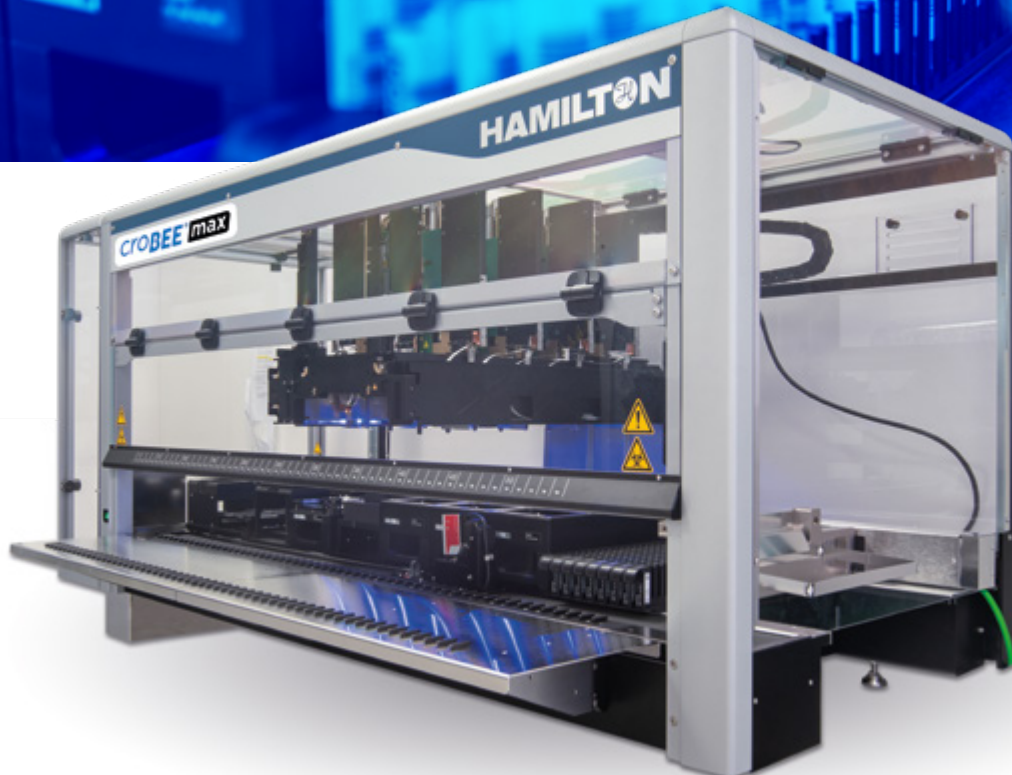
GeneProof[®]

High-throughput automated solution for molecular diagnostics

Nucleic acid extraction

+ PCR setup

+ PCR amplification



CROBEE[®]max

HIGH-THROUGHPUT SYSTEM

- Up to 192 samples / run
- Up to 576 tests / 8 hours

UNIVERSAL EXTRACTION

- Simultaneous RNA and DNA nucleic acid extraction
- Various clinical materials
- Viral, bacterial and human DNA/RNA

FLEXIBLE SAMPLE INPUT

- Adaptable to a wide range of primary tube types

CE IVD

- Instruments
- Extraction kit
- PCR tests



A Hamilton Microlab STAR liquid handling workstation is shown in a laboratory setting. The machine is white and blue, with multiple pipette tips visible. It is processing samples in a multi-well plate. The background is a light blue gradient.

croBEE[®] max

solution:

Hamilton Microlab STAR for croBEE[®] max solution

Fully automated liquid handling workstation for
magnetic bead-based nucleic acid extraction
and PCR setup

croBEE[®] max Nucleic Acid Extraction Kit

Kit for viral, bacterial and human DNA/RNA
extraction from various clinical materials



croBEE[®] Real-time PCR System

Fully integrated PCR system for nucleic acid
amplification and detection and complex
analysis of obtained data

TECHNICAL SPECIFICATION



System description

CAPACITY	96 / 192 tests per run
TIME TO FIRST RESULT	< 4 hours
HANDS-ON TIME	15 minutes
REGULATORY STATUS	CE IVD

Nucleic acid extraction and PCR setup

CAPACITY	96 / 192 samples
EXTRACTION PRINCIPLE	Extraction based on magnetic particles
SAMPLE VOLUME	300 µl
ELUTION VOLUME	50 µl
DECONTAMINATION	UV lamp
TRACEABILITY	Bar codes on primary tubes

PCR analysis

PCR BLOCK CAPACITY	2 x 96 wells
LIS CONNECTIVITY	Results export (ASTM protocol)
REGULATORY STATUS	CE IVD

ORDER INFORMATION



If you are interested in croBEE[®]max solution, please contact sales@geneproof.com.

Do you already have other equipment? We will be happy to help you with adaptation of our products.

