

myCROBE[®]

Fully Automated Instrument



Fully automated sample-to-result solution
for molecular diagnostics

TECHNICAL SPECIFICATION

System description

CAPACITY	1 - 36 samples / run
	Up to 90 tests / run
	Up to 108 samples and 270 tests / day
TIME TO RESULT	4 hours
HANDS-ON TIME	30 minutes
USER INTERFACE AND CONTROL	Integrated 10" color touchscreen
TRACEABILITY	QR codes labeling
DECONTAMINATION	UV lamp
LIS CONNECTIVITY	Bidirectional connectivity (HL7, ASTM)
REMOTE ACCESS	For diagnostics and system maintenance
POWER SUPPLY	100-240 V, 50/60 Hz, 1200 W
DIMENSIONS W X D X H	1130 x 750 x 900 mm
WEIGHT	189 kg
REGULATORY STATUS	CE IVD - Regulation (EU) 2017/746 (IVDR)

Nucleic acids extraction

CAPACITY	1-36 samples / single extraction process
EXTRACTION PRINCIPLE	Extraction based on magnetic particles
TYPE OF REAGENTS USED	Single-use universal reaction cartridge
SAMPLE VOLUME	500 µl
ELUTION VOLUME	100 µl
EXTRACTION CONTROL	myCROBE Universal Internal Control

PCR setup and analysis

PCR BLOCK CAPACITY	96 reactions PCR plate
PARALLEL PROCESSING	Up to 10 tests per sample
QUANTIFICATION	Universal set of 4 positive controls independent on the specific PCR
AUTOMATED ANALYSIS	No setup of analysis parameters necessary
	Optional automatic sending the results to email
FREE COMBINABILITY	Possibility to combine various examinations within 1 run / 1 sample