



Molecular Diagnostics

Be Part of the change



ELITE BeGenius

Molecular Diagnostics Sample-to-Result solution

Smart. Easy. Powerful.



BOOST YOUR LAB EFFICIENCY

Total automation and ease of use

The run is set up in just few minutes. Our philosophy is sample IN, result OUT with minimal hands-on time. Laboratories save resources which can be dedicated to other tasks. Full tracking and tracing reduces the likelihood of making mistakes. As result, staff productivity is increased, and the highest level of results is guaranteed.



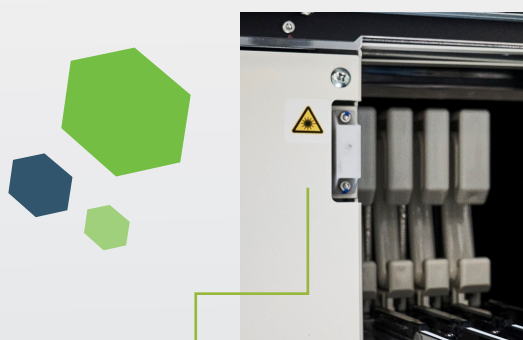
LARGE ACCESSIBLE WORKING AREA.
UNIVERSAL EXTRACTION CASSETTE AND
AMPLIFICATION CONSUMABLES FOR
BOTH INGENIUS AND BEGENIUS:
LOAD-AND-GO

INTUITIVE INTEGRATED TOUCH-SCREEN
SOFTWARE

DIRECT LOADING AND STORAGE AREA
FOR SAMPLES, REAGENTS AND ELUATES.
HANDY MANAGEMENT OF ALL STEPS

Empowered Workflow

With 24 independent thermal cyclers and universal extraction cartridges, multiple assays can be run simultaneously and up to 24 results can be released in 2h30 minutes. Your lab efficiency is therefore improved with a positive impact on patient management.



FULL TRACEABILITY
THANKS TO
INTEGRATED
BARCODE SCANNER
FOR SAMPLES,
ELUATES, REAGENTS



COOLING UNIT FOR
SAMPLES, ELUATES,
AND REAGENTS
TO IMPROVE THEIR
STABILITY ON-BOARD



BI-DIRECTIONAL
LIS FACILITATES
PATIENT
MANAGEMENT



MIX AND MATCH
DIFFERENT ASSAYS ON
THE SAME RUN:
23 VALIDATED
BIOLOGICAL MATRICES

ENHANCED FEATURES

Be Smart

open

save

track

cool

BeGenius is the **intelligent answer to complex workflows.**

The system features closed and open working-modes, eluate storage, full traceability and a cooling unit.

Be Easy

slim

versatile

walk away

BeGenius is **fully automated**, stand alone, and runs the widest range of tests across the widest range of clinical areas.

Be Power

adaptable

results oriented

driving force

BeGenius has **24 thermal cyclers:** independent extractions and amplifications or up to **18.000 tests/year** across a wide range of sample types.



ELITE BeGenius

Specifications

System

Time to first results	2 h 30 minutes (24 results)
Maximum throughput	72 results/8 hours
Maximum number of tests per run	24 tests
Capacity	12 extractions from different samples, 24 independent thermal cyclers, 24 reagent tubes
Reagents	Ready-to-use, barcoded
Barcode	Samples Barcode: Code 39; Code 128; Interleaved 2 of 5; Codabar; EAN 128 Reagents and Elution Tubes Barcode: DataMatrix

Physical Dimensions

Width	1,382 mm
Depth	850 mm
Height	1,843 mm
Total weight	440 kg
LCD touch panel	12.1"

Environmental Requirements

Operating temperature	+15 to 30° C
Storage temperature	+5 to 40° C
Transport temperature	-25° to 60° C
Noise level	<70 dBA during 24 PCR amplification

Electrical Requirements

Maximum power input	1050VA (1050W)
Input voltage	100-240V AC +/- 10%
Max current	10.5A/100V or 4.57A/230V
Frequency	50/60Hz
Installation category	Over voltage category: II
Pollution degree	2
Laser device	Class 1

Ordering Info

ELITE BeGenius®	INT040
ELITE InGenius® SP 200	INT032SP200
ELITE InGenius® SP 1000	INT033SP1000
ELITE InGenius® SP200 Consumable Set	INT032CS
ELITE InGenius® PCR Cassette	INT035PCR
ELITE InGenius® Waste Box	F2102-000
Tecan Tips 1000 µl	30180118

ELITechGroup Molecular Diagnostics, a major innovator in the molecular diagnostic market, offers a comprehensive real-time PCR range of products for diagnosis and monitoring of viral and microbiological infections.



ELITechGroup is certified by DEKRA Certification BV and applies a quality management system in compliance with ISO 9001:2015 and EN ISO 13485:2016

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Scan with the BeGenius AR-Code of the *Genius Space* App

