

GENEQUALITY 2050

TwentyFifty

Fully automated sample-to-result system allowing extraction from primary tubes, amplification in Real-Time PCR and result analysis.



**Sample to Result
at Warp Speed!**



ANALITICA
ADVANCED BIOMEDICINE

GENEQUALITY 2050

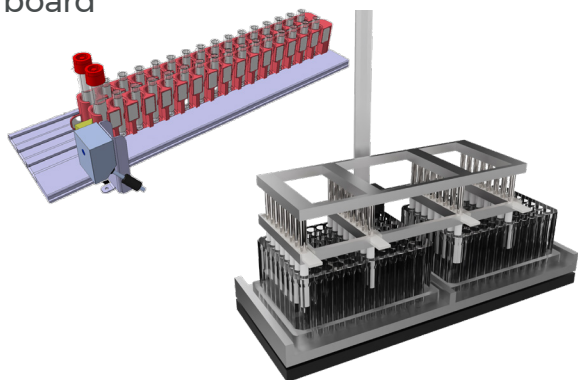
TwentyFifty

Real-Time
PCR



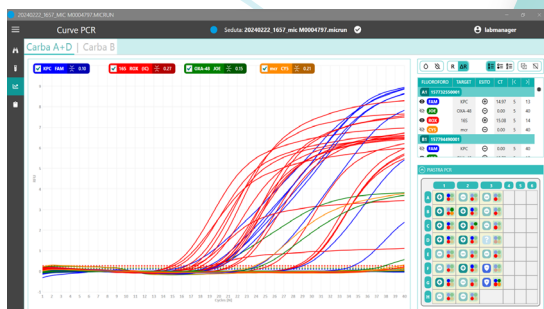
Vesatility in extraction

- **32** Samples per run
- Scalable number of extractions
- Magnetic beads extraction
- Different measures of primary tubes on board



Improved data analysis

- Extremely user friendly interface
- Quantitative analysis using virtual standard curves
- Internal Data Base Management System for report and tracking data storage
- LIMS connection



Designed workstation

- Integrated 15.6" touch screen
- New middleware to collect several GENEQUALITY 2050 platforms together for larger routines

Lightning-fast

- Time to result **<120 min**
- **5 min** hands-on-time

Integrated Real-Time PCR Thermal Cycler

- Amplification flexibility
- Up to **48 PCR tests** per run (Positive and Negative Controls included)
- Up to **24 different assays** (quantitative and qualitative)
- Extra **96 well PCR plate setup** for an external Real-Time PCR Thermal Cycler



Adaptability

- Size: 96.6 cm x 75.9 cm x 73.5 cm
- Weight: 100 kg
- Noise: less than 65 decibels

Checks and safety

- Level, foam, clots and aspirated air detection
- Anti-dripping and path planning
- Conductivity filter tips to monitor liquid level by the capacitive pipetting system
- UV lamp and HEPA filter



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