DNA/RNA synthesizers

For research use only. Not for use in diagnostic procedures.
BioAutomation is now part of LGC Biosearch Technologies. For over 20 years, BioAutomation has been an industry leading manufacturer of small to medium scale oligo synthesizers. Offering you the highest degree of customisation of any commercial instruments with the highest quality.

Nucleic Acid Chemistry (NAC) from Biosearch Technologies offers you the most versatile range of automated synthesizers ever produced. Our instruments have a proven track record in all current oligonucleotide synthesis fields.

This brochure highlights the features and capacities of our current synthesizer line. All of these machines are customisable and we can engineer them to meet your needs.

In addition, we offer the most extensive product range of oligo synthesis reagents, including modified phosphoramidites, solid supports, packed columns and supporting ancillary reagents for our synthesizers, making Biosearch Technologies your only partner of choice for all your oligo synthesis reagent and instrument needs.

For more information please visit our webpage at: https://shop.biosearchtech.com/bioautomation
MerMade 6 and 12

- 50 nmol to 200 µmol+ scale synthesis
- 6 or 12 columns per run
- Reagent calibration by curve
- Automatic wobble delivery
- Up to 24 amidite positions
- In-line trityl monitoring
- Sequence manager software
- Low operational cost per oligo
- Fast synthesis cycle: 20mer primers in 3.5 hours

MerMade 48X

- 48 column synthesizer (4 banks of 12)
- 50 nmol to 5 µmol scale synthesis
- Low reagent consumption
- Fast synthesis cycle: 20mer primers in 3.5 hours
- User friendly control software
- Up to 24 amidite positions
- Small footprint
  (D: 59 cm; W: 71 cm; H: 48 cm)
- Low operational cost per oligo
- Automatic wobble delivery
MerMade 192X

- 192 column synthesizer
- 50 nmol to 1 μmol scale synthesis (up to 5 μmol on modified MM192X)
- Up to 64 amidite positions
- Fast synthesis cycle: 20mer primers in 3.5 hours
- Argon plate pressurise feature
- Proprietary 8 channel reagent delivery system - minimises valves
- User friendly control software
- 6 ancillary + 2 auxiliary ports
- Injection head customisable - group reagent injections according to needs

MerMade 192E

- 192 column synthesizer
- 50 nmol to 1 μmol scale synthesis (up to 5 μmol on modified MM192E)
- Fast synthesis cycle: 20mer primers in 3.5 hours
- Reagent calibration by curve
- Automatic wobble delivery
- 8 amidite positions
- Low volume dispense option
- Groups of 8 reagent injection

- 96E also available as a single plate with 12 amidite positions
Integrated tools.
Accelerated science.